### **VALIDATED DATA FOR SDGs 22-27**

### OF THE CAMP EDWARDS IMPACT AREA GROUNDWATER STUDY

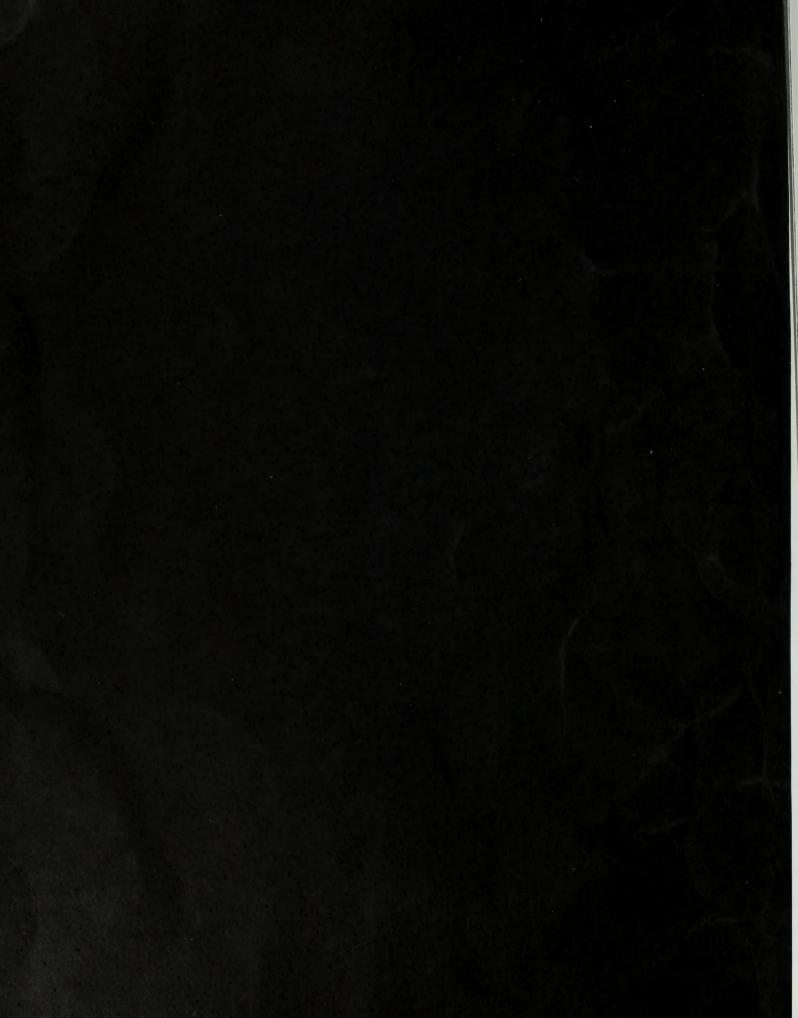
### MASSACHUSETTS MILITARY RESERVATION CAPE COD, MASSACHUSETTS

Prepared for

NATIONAL GUARD BUREAU ARLINGTON, VIRGINIA

Prepared by

OGDEN ENVIRONMENTAL AND ENERGY SERVICES
239 Littleton Road, Suite 1B
Westford, Massachusetts 01886



239 Littleton Road, Suite 1B Westford, MA 01886 508 692 9090 Fax 508 692 6633

March 3, 1998

Mr. Michael Jasinski U.S. Environmental Protection Agency Office of Site Remediation and Restoration JFK Federal Building (HBT) Boston, Massachusetts 02203-0001

RE:

Camp Edwards Impact Area Groundwater Study Revised page for Final FSP for Storm Water

Dear Mike:

Enclosed please find three copies of a page that has been revised for the above-referenced document. This page was changed in accordance with our discussion concerning the timing of storm water sampling at last Thursday's technical meeting. At this meeting we agreed that it would be possible to open the sampling "window" beyond 30 minutes from the start of runoff. The revised language indicates that samples will be collected "as soon as possible after the start of runoff", and that the samples will be analyzed "provided that the timing of sample collection is acceptable to EPA and MADEP."

Please let me know if you have any questions regarding this submittal.

Sincerely.

Marc Grant, P.E.

Senior Environmental Engineer

Cc:

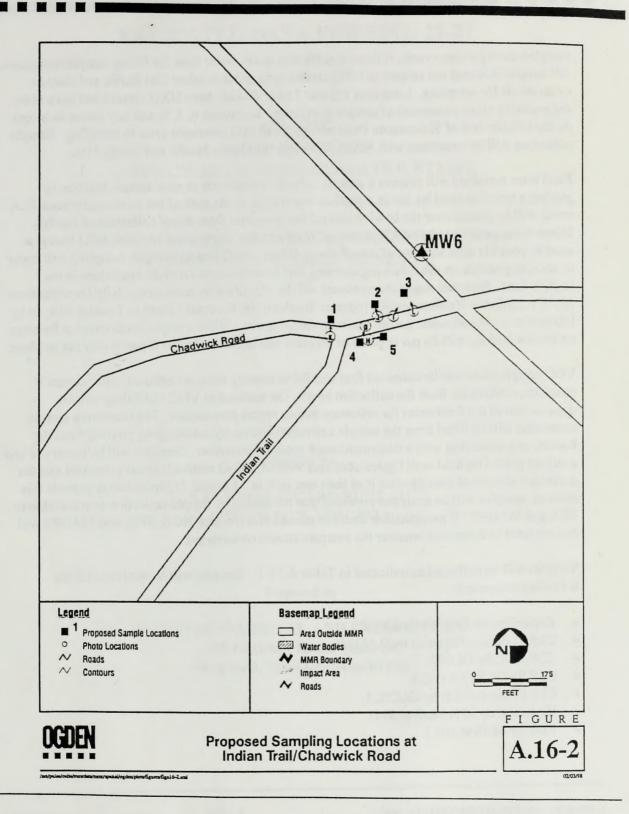
LTC Richard Murphy, NGB CPT James Boggess, MAARNG Don Muldoon, MADEP – SERO

Impact Area Review Team (distribution attached)

MIJA8303.DOC



### **Final FSP Storm Water**



### **Final FSP Storm Water**

sampled during storm events, if there is sufficient storm water flow for filling sample containers. All sample locations are subject to UXO clearance in order to allow foot traffic and shallow excavations for sampling. Locations 1-5 and 7 have already been UXO cleared and have been excavated to allow placement of sample containers. Locations 6, 8, 9, and any future locations on the hillside east of Succonsette Pond will require UXO clearance prior to sampling. Sample collection will be consistent with MMR SOPs and the Ogden Health and Safety Plan.

Field team members will prepare a sample collection container at each sample location by placing a stainless steel bucket in a shallow excavation in the path of the storm water runoff. A cover will be placed over the bowl to protect the container from direct collection of rainfall. Storm water grab samples will be collected from a major storm event (>1 inch in 24 hours) as soon as possible after the start of runoff flow. When runoff begins at night, sampling will occur as soon as possible on the following morning due to restrictions on night operations in the Impact Area. Potential major storm events will be identified by monitoring daily forecasts from the U.S. National Weather Service (contact Southern NE Forecast Center in Taunton MA, or by Internet at www.nws.noaa. gov/er/box/maps/maps.html). When a major storm event is forecast collection buckets will be put in place or emptied and decontaminated if previously put in place.

VOC sample vials will be collected first and filled directly from the effluent water stream if possible or otherwise from the collection bowl. The method of VOC vial filling will be documented in the field notes for reference during report preparation. The remaining sample containers will be filled from the sample collection bucket by submerging, pouring from the bucket, or transferring with a decontaminated scoop or container. Samples will be preserved and analyses placed on hold until Ogden confirms with MAANG meteorological personnel that the measured amount of precipitation is at least one inch in 24 hours. If precipitation exceeds this amount, samples will be analyzed provided that the timing of sample collection is acceptable to EPA and MADEP. If precipitation does not exceed this amount, NGB, EPA, and MADEP will be contacted to determine whether the samples should be analyzed.

Samples will be collected as indicated in Table A.16-1. Samples will be analyzed for the following compounds:

- Explosives by EPA Method 8330
- CLP Metals and cyanide by ILM04.0
- CLP VOC by OLC02.1
- CLP SVOC by OLC02.1
- CLP Pesticide/PCB by OLC02.1
- Herbicide by EPA Method 8151
- EDB by Method 504.1

### **VALIDATED DATA FOR SDGs 22-27**

### OF THE CAMP EDWARDS IMPACT AREA GROUNDWATER STUDY

### MASSACHUSETTS MILITARY RESERVATION CAPE COD, MASSACHUSETTS

Prepared for

### NATIONAL GUARD BUREAU ARLINGTON, VIRGINIA

Prepared by

OGDEN ENVIRONMENTAL AND ENERGY SERVICES
239 Littleton Road, Suite 1B
Westford, Massachusetts 01886

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### DATA QUALIFIER REFERENCE TABLE

Qualific	er Organics	Inorganics
U	The analyte was analyzed for, but was not detected above the reported sample quanti-tation limit.	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.	The associated value is an estimated quantity.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."	Not applicable.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	Not applicable.
UJ	The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.	The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified.	The data are unusable. (Note: Analyte may or may not be present).

### QUALIFICATION CODE REFERENCE TABLE

Qualifier	Organics	Inorganics
н	Holding times were exceeded.	Holding times were exceeded.
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect
С	Calibration %RSD or %D were noncom- pliant.	Correlation coefficient is <0.995.
R	Calibration RRF was <0.05.	%R for calibration is not within control limits.
В	Presumed contamination from preparation (method) blank.	Presumed contamination from preparation (method) or calibration blank.
L	Not applicable.	Laboratory Control Sample %R were not within control limits.
Q	MS/MSD recovery was poor or RPD high.	MS recovery was poor.
E	Not applicable.	Duplicates showed poor agreement
I	Internal standard performance was unsatisfactory.	ICP ICS results were unsatisfactory.
Α	Not applicable.	ICP Serial Dilution %D were not within control limits.
М	Tuning (BFB or DFTPP) was noncompliant	Not applicable.
Т	Presumed contamination from trip blank.	Not applicable.
+	False positive – reported compound was not present. Not applicable.	
	False negative – compound was present but not reported.	Not applicable.
F	Presumed contamination from FB, or ER.	Presumed contamination from FB or ER.
S	Reported result or other information was incorrect.	Reported result or other information was incorrect.
?	TIC identity or reported retention time has been changed.	Not applicable.
D	The analysis with this flag should not be used because another more technically sound analysis is available.	The analysis with this flag should not be used because another more technically sound analysis is available.
P	Instrument performance for pesticides was poor.	Post Digestion Spike recovery was not within control limits.
*#	Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found.	Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found.





Validated MMR Data, period 9-Feb-98 to 1-Mar-98

G02DAA  10/16/97  ANALYTICAL LAB RESULT QUAL 1.00 U	REV QUAL CODE  U U U U U U U U U U U U U U U U U U	GOZDBA  10/16/97  ANALYTICAL LAB REV QUAL CODE  1.00 U U  1.00 U U  1.00 U U  1.00 U U  2.00 U U  2.00 U U  1.00 U U  1.00 U U  1.00 U U	GO2DCA  10/16/97  ANALYTICAL LAB REV QUAL RESULT QUAL CODE	G02DDA 10/16/97	G02DEA 10/17/97
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e (UGAL) ROMETHANE L CHLORIDE AOMETHANE ROETHANE ROETHANE NYLENE CHLORIDE ONE SON DISULFIDE CHLOROETHENE	REV QUAL CODE U U U U U U U U U U U U	ELAB REV  U U U U U U U U U U U U U U U U U U	REV QUAL		
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	n	U U 00.1	1.00 U U	1.00 U	1.00 U U
1,1-DICHLOROETHANE 1.00 U U	n	U U 00.1	1.00 U U	1.00 U	1.00 U
CIS-1,2-DICHLOROETHYLENE 1.00 U	n	U U 00.1	1.00 U U	1.00 U	1.00 U
TRANS-1,2-DICHLOROETHENE 1.00 U		1.00 U	1.00 U	1.00 U U	1.00 U
CHLOROFORM 1.00 U	n	U U 00.1	1.00 U	1.00 U	0.3000 J J
1,2-DICHLOROETHANE 1.00 U	n	U U 00.1	U 0 0 0 0	1.00 U	1.00 U
METHYL ETHYL KETONE (2-BUT 5.00 U L	n	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BROMOCHI, OROMETHANE 1.00 U	n	U U 00.1	U 00 U	1.00 U	1.00 U
1,1,1-TRICHLOROETHANE 1.00 U	n	U U 00.1	1.00 U U	1.00 U	1.00 U U
CARBON TETRACHLORIDE 1.00 U	n	U 0 00.1	U 0 0 0 1	1.00 U U	1.00 U
BROMODICHI, OROMETHANE 1.00 U U	n	U 0 00.1	1.00 U U	1.00 U	1.00 U U
1,2-DICHLOROPROPANE 1.00 U	n	1.00 U	1.00 U U	1.00 U	1.00 U
1.00 U	n	1.00 U	1.00 U U	1.00 U	1.00 U
TRICHLOROETHYLENE (TCE) 1.00 U	n	U 0 0 0 1	1.00 U	1.00 U	1.00 U U
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BENZENE 1.00 U	n	U 0 00.1	U 0 0 0 1	U 00 01	1.00 U
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

October   Octo	GOZDBA   G	GO2DEA  10/17/97  ANALYTICAL LAB REV QUAL CODE  1.00 U U  5.00 U U  1.00 U U
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SOBUTYL KETONE (4- 5.00 U U   S.00 U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
HLOROETHYLENE(PCE) 1.00 U 0 GIRACHLOROETHANE	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
HLOROETHYLENE(PCE)  HLOROETHYLENE(PCE)  HLOROETHANE (ETHYLEN  HLORO U  HLOROETHANE (ETHYLEN  HLORO U  HLOROBENZENE  HLORO U  HLOROBENZENE  HLORO U  HLOROBENZENE  HLORO U  HLORO U  HLOROBENZENE  HLORO U  HLORO U	D 0001       D 0001         D 001       D 001	
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Technical Inforr

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	G02DFA	G02DGA	G02DHA	G02DIA	G02DJA
D	G02DFA	G02DGA	G02DHA	G02DIA	G02DJA
Date Sampled	10/17/97	10/17/97	10/20/97	10/20/97	10/20/97
Depth	1				
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REY QUAL RESULT QUAL QUAL CODE
OC21V (UG/L) Continued					
BROMOFORM	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
METHYL ISOBUTYL KETONE (4-	- 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-HEXANONE	5.00 U U	5.00 U U	S.00 U U	5.00 U U	5.00 U U
TETRACHLOROETHYLENE(PCE)	U 0 0 (1)	U U 00.1	U U 00.1	1.00 U	1.00 U
1,1,2,2-TETRACHLOROETHANE	1.00 U	U U 00.1	1.00 U U	1.00 U	1.00 U
1,2-DIBROMOETHANE (ETHYLEN	N 1.00 U U	U U 00.1	1.00 U	1.00 U	1.00 U
TOLUENE	1.00 U U	1.00 U U	U 00 01	1.00 U	1.00 U
CHLOROBENZENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
ETHYLBENZENE	1.00 U	U U 00.1	1.00 U	U 0 0.1	1.00 U
STYRENE	1.00 U U	U U 00.1	1.00 U	1.00 U	1.00 U
XYLENES, TOTAL	1.00 U	U U 00.1	1.00 U U	1.00 U	1.00 U
1,3-DICHLOROBENZENE	1.00 U U	U U 00.1	1.00 U U	1.00 U	1.00 U
1,4-DICHLOROBENZENE	U D 00.1	U U 00.1	1.00 U	U 0 0.1	1.00 U
1,2-DICHLOROBENZENE	1.00 U U	U U 00.1	1.00 U U	1.00 U	1.00 U
1,2-DIBROMO-3-CHLOROPROPA	U 0 0 0 1	U U 00.1	1.00 U	1.00 U	1.00 U
504 (NG/L)					
1,2-DIBROMOETHANE (ETHYLEN	Z				
8021W (UGAL)					
TERT-BUTYL METHYL ETHER					
8330SC (UGA)					
2,4,6-TRINITROTOLUENE					
2,4-DINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANITR	~				
HEXAHYDRO-1,3,5-TRINITRO-1,3					
T:MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPA.DB (3334 of 333	8MAROI\GROUPA DB (333	4 of 3334 records) 03/03/98 14:05.1 read by eshein	1:05.1 read by cshein		OE
T:\MMR\SNAPSHOT\VALJDATD\98MAR01\COC.D\B (1979 records) 03/05/98 15:05	8MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2		Ogaen Environmen	Oguen Environmental and Enel By Selvices
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GOZDKT   GOZDKA   GOZDLA   GOZDLA   GOZDLA   GOZDLA   GOZDCA   G	GOZDILA  10/20/97  10/20/97  1.00 U U  1.00 U U  1.00 U U  1.00 U U  2.00 U U  2.00 U U  1.00 U U	A SOUT COLLAB CONT. CONT
10/20/97   10/20/97	10/20/97  CODE  RESULT  1.00 U  1.00 U  1.00 U  2.00 U  2.00 U  1.00 U	1.00 U U U U U U U U U U U U U U U U U U
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Coope	CODE  ANALYTICAL LAB REV CODE  1.00 U 1.00 U 1.00 U 0.00 U 0.00 U 0.00 U 1.00 U 0.00 U	LAND COURT OF COURT O
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1.00   U   1.00   U   1.00   U   U   2.00   U   U   1.00   U   U   U   U   U   U   U   U   U		
R         2.00 U         U         2.00 U         U         2.00 U         U         2.00 U         U         1.00 U         I.00 U         II.00 U         II.00 U         II.00 U         III.00 U         III.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
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3         1.00 U         U         1.00 U <td< td=""><td>n</td><td>n</td></td<>	n	n
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1.00   U	ח	n
U         1.00 U         I.00 U         II.00 U         II.00 U         III.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ח	n
U         1.00 U         U         I	n	n
J         1.00 U         U         1.00 U         U         1.00 U           103/98 14:05.1 read by cshein         Ogden Environmental and Energy	n	D
703/98 14:05.1 read by cshein Ogden Environmental and Energy	Ω	n
Ogden Environmental and Energy		
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T:MMMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	<b>O</b>	1.00 U U U 1.00 U U 1.00 U U U 1.00 U U U U U U U U U U U U U U U U U U

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

COLDINO   COLD	EPA NO G02DKA	DKA	(302DKD)	G0210K1	G0213LA	G08DAA
10070097   10070097		DKA	G02DKD	(3021)KT	G02DLA	G08DAA
Column   C		26/0	10/20/07	10/20/97	10/20/97	10/2/97
COLORDA JANIERO ANA COMBREA DE ANA COMBRA DE ANA COMBREA D	Septh					
Continued   Cont		RESTT OF OUR CODE	ANALYTICAL LANGEST ICAN PERTIL OF ALIGUAL CODE	ANALYTE ALTER BLY SEA BLY SEA BLY SEA ALTER SEA	ANALYTICAL TAB (REV. QUAL) RESULT QUAL, QUAL, COPE	AMALYHYAL TAB BLV QUAL BESTIT IQUALIQUALICODE
DBUTYL KETONE (4- 500 U U 100 U 100 U U 10	OC21V (UGA) Continued					
ABOUTTLENGTONE (4   5 00 U U   5 00 U U   5 00 U U   1 00 U   1 0 U U   1 00 U   1 0 U	BROMOFORM				1 00 0	
Story   U   U   Story   U   U   Story   U   U   Story   U   U   U   Story   U   U   U   U   U   U   U   U   U	METHYL, ISOBUTYL KETONE (4-				S 00 U	S.00 IU
CONTRIVILENCE   100 U   U   U   U   U   U   U   U   U   U   U	2-HEXANONE					5.00 U
CONTINUE GETHYLEN   100 to	TETRACHLOROETHYLENE(PCE)				I 00 U U	U 00 IU
CONTINUE GETHYLEN   100 U U   100 U   10	1,1,2,2-TETRACHLOROETHANE	1 00 1				1 00 1
100 U U   100 U   U   U   U   100 U   U   U   U   U   U   U   U   U   U	1,2-DIBROMOETHANE (ETHYLEN				11 00 10	U 00 00 1
NZENIE   100 U	TOLUENE					1.00 U
COTAL   COULD   COUL	CHLOROBENZENE	1 00 H				1.00 U
TOTAL   100 to	ETHYLBENZENE	1 00 1		_	U U100 I	1.00 U
ROBENZENIE   100 U   U   U   U   U   U   U   U   U   U   U	STYRENE	1 00 1			[1 00 [1	U 00 U
ROBENZENIE         1 00 U U         1 00 U U         1 00 U U           ROBENZENIE         1 00 U U         1 00 U U         1 00 U U           ROBENZENIE         1 00 U U         1 00 U U         1 00 U U           RO-3-CHLOROPROPA         1 00 U U         1 00 U U         1 00 U U           L METHYL ETHER         2         1 00 U U         1 00 U U           ROTOLUENIE         2         1 00 U U         1 00 U U           ROTOLUENIE         2         2         2           ROTOLUENIE         3         3         3         4           ROTOLUENIE         3         4         4         4           RO-1.3.5-TETRANITR         5         5         4         4           RO-1.3.5-TRINITRO-1.3         5         5         4         4           PSHOTVALIDATDV98MAR01XCOC.DI3 (1979 records) 03/05/98 15 05 2         5         4	XYLENES, TOTAL	11 00 11			1	U 00 II
ROBENZENE  1 00 U U 1 1 00 U U I 1 1 1 00 U U I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,3-DICHLOROBENZENE		-		[]	1 00.0
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IOSTHANE (ETHYLEN   100 U U U	1,2-DICHLOROBENZENE					U 000 I
L METHYL ETHER  1. METHYL ETHER  1. ROTOLUENE  1. ROTOLUENE  1. ROTOLUENE  1. S.7-TETRANFTR  1. S.5-TRINITRO-1.3	1,2-DIBROMO-3-CHLOROPROPA			11 00		1.00 U
IORTHANE (ETHYLEN  L METHYL ETHER  YOTOLUENE  ROTOLUENE  ROTOLUENE  O-1.3,5,7-TETRANITR  O-1.3,5-TETRANITR  O-1.3,5-TETRANITR  O-1.3,5-TETRANITR  ESHOTIVALIDATIDI98MAR01\GROUPÀ.DI3 (1979 records) 03/05/98 15.05 2	94 (NG/L)					
L METHYL ETHER  ROTOLUENE  ROTOLUENE  GO-1,3,5,7-TETRANITR  GO-1,3,7-TETRANITR  GO-1,3,7-TETRANI	1,2-DIBROMOETHANE (ETHYLEN					
SOTOLUENE FOLUENE FOLUENE 1-1.3.5.7-TETRANITR 0-1.3.5-TRINITRO-1.3 SHOTIVALIDATDV98MÅR01\COC.DB (1979 records) 03/05/98 14:05.1 read by cshein SHOTIVALIDATDV98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	921W (UG/L)					
FOTOLUENE FOLLENE 5-1.3.5.7-TETRANITR 5-1.3.5.7-TETRANITR 5-1.3.5.7-TETRANITR 5-1.3.5.7-TETRANITR 5-1.3.5.7-TETRANITR 5-1.3.5.7-TETRANITR 6-1.3.5.7-TETRANITR 6-1.3.5.	TERT-BUTYL METHYL ETHER					
	330SC (UGA.)					
	2,4,6-TRINITROTOLUENE					
	2,4-DINITROTOLUENE					
	OCTAHYDRO-1,3,5,7-TETRANITR					
	HEXAHYDRO-1,3,5-TRINITRO-1,3					
	NAMED CALABOTOCH ALL TO A TOLOGOMA	CONTRACT FOR STANDARD	K 1 00/ FOX FOX FLATTON & CFF 3. A			
	MMR\SNAPSHOTIVALIDATIV\88MA	AROTACOC DB (1979 rec	3334 (coids) (3/03/93/93 14 ords) (3/05/98 15:05 2	O.S. FICAU OF CARCIII	Ogden Environment	tal and Energy Service
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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C   QUAL   ANALYTICAL   LAB   REV   QUAL			10/9/97	10/6/97	10/6/97	10/6/97
C   CODE   RESULT   QUAL   QUAL   CODE	pth					
1.00 U U U   C   1.00 U U U   U   U   U   U   U   U   U   U	9	CAL LAB REV QUAL  QUAL QUAL CODE	YTICAL LAB REV	ANALYTICAL LAB REV RESULT QUAL QUAL	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
1.00   U   U   U   U   U   U   U   U   U	ZIV (UG/L)					
1.00   U   U   C   1.00   U   U   U   C   1.00   U   U   U   U   U   U   U   U   U		n	1.00 U U	ח	n	1.00 U
C		ח	D	ח	D	U 0 0 1
R 5.00 U U U C C C C C U U U C C C C C C C C		U UJ	U UJ	U UJ	U UJ	1.00 U UJ C
2.00 U R R R 1.00 U U U U U U U U U U U U U U U U U U		00 U	1.00 U U	U 0 0 0 1	U 00 U	1.00 U U
8 S.00 U R R R L 1.00 U U U U U U U U U U U U U U U U U U		00 U U	2.00 U U	n	n	2.00 U U
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	MMR\SNAPSHOT\VAL,IDATD\98MAR01\G	ROUPA.DB (3334		4.05.1 read by cshein	Octon Passingamont	ond Fnorm Cornic
T:VM/MR\SNAPSHOT\VALIDATD\98MAR01\COC.DJ3 (1979 records) 03/05/98 15:05.2	MMR\SNAPSHOT\VALIDATD\98MAR01\CC	OC.DB (1979 reco	rds) 03/05/98 15:05.2		Ogucii Environment	Al allu Eller gy Sel vice
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO (C	G16DAA	G16DCA	G16DDA	G16DEA	G16DFA
OGDEN ID	GI6DAA	G16DCA	G16DDA	G16DEA	G16DFA
Date Sampled		10/6/97	10/6/97	10/9/01	10/6/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I.AB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
OC21V (UGA) Continued					
BROMOFORM	1.00 U	1.00 U U	U U 00.1	n	U U 00.1
METHYL ISOBUTYL KETONE (4-	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-HEXANONE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
TETRACHLOROETHYLENE(PCE)	U 00 U (	1.00 U U	1.00 U U	1.00 U U	U 0 0 0 1
1,1,2,2-TETRACHLOROETHANE	U 00 I	U U 00.1	U 0 0 0 1	U 00 U	U U 00.1
1,2-DIBROMOETHANE (ETHYLEN	N 1.00 U U	U.00 U.	1.00 U U	1.00 U	1.00 U
TOLUENE	1.00 U	U.00 U	U 00 U	1.00 U U	U U 00.1
CHLOROBENZENE	1.00 U U	U U 00.1	U U 00 II	1.00 U	1.00 U
ETHYLBENZENE	1.00 U	U U 00.1	U U 00 II	1.00 U	1.00 U
STYRENE	1.00 U U	U 00 00 1	1.00 U U	U 0 00.1	U 00 00 1
XYLENES, TOTAL	1.00 U U	U 0 0 0 1	U U 00.1	U 0 0 0 1	U U 00.1
1,3-DICHLOROBENZENE	U D 00.1	U 00 00 11	U U 00.1	U U 00 II	U 00 00 1
1,4-DICHLOROBENZENE	U D 00.1	U 0 0.1	U U U OU I	1.00 U	1.00 U
1,2-DICHLOROBENZENE	1.00 U U	1.00 U U	1.00 U U	1.00 U	1.00 U
1,2-DIBROMO-3-CHI,OROPROPA	1.00 U	U U 00.1	U 0 0 1	U 0 00.1	1.00 U
504 (NG/L)					
1,2-DIBROMOETHANE (ETHYLEN	z				
8021W (UG/L)					
TERT-BUTYL METHYL ETHER					
8330SC (UG/L)					
2,4,6-TRINITROTOLUENE					
2,4-DINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANITR	~ .				
HEXAH YDRO-1,3,5-1 KINII RO-1,3	~				
F.WMRSNAPSHOTTVAT HATTHORMARDING FOR THE ANSWARD OF 333.4 recorded 03/03/08 14:05 1 read by celevin	MAROLIGROUPA DR (333	4 of 3334 recorde) 03/03/08 14	OS 1 road by cebain		
T:VMMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05	MAR01/COC.DB (1979 rec	ords) 03/05/98 15:05.2	Toda of concil	Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GI6DHA	GIADIA		
	1701010	G16DJA	G16DKA
76/7/01	76/7/01	10/1/97	10/8/97
ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV RESULT QUAL QUAL CODE RESULT QUAL QUAL	QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
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U U U U	U U O O I	U U 00.1	1.00 U
2.00 U U	2.00 U U	2.00 U U	2.00 U U
R 10.0 J	R 5.00 U R R	5.00 U UJ C	5.00 U UJ C
U 00 U	1.00 U	1.00 U	1.00 U
U 0 0 1	1.00 U	U U 00.1	1.00 U
U U U I	U 0 0 0 1	U 0 0 0 1	1.00 U
1.00 U U	U U U	U 0 0 0 1	1.00 U
U 00 U	1.00 U U	U 00 00 1	1.00 U
0.5000 J	0.4000 J J	0.5000 J J F	0.7000 J J F
1.00 U	U 00 U	U U 00.1	1.00 U
5.00 U U	S.00 U U	S.00 U U	5.00 U U
U 00 U D	U 00 U	U U 00.1	1.00 U
U 00 U D	U U 00.1	U U 00.1	1.00 U
U 00 U U	U 00 U	U U 00.1	U 0 00.1
1.00 U	U 00 U	U 00.1	1.00 U
U 00 U U	1.00 U	1.00 U U	1.00 U
U 00 U D	U U 00.1	U U 00.1	U 00 00 1
U 00 U U	1.00 U	U U 00.1	1.00 U
0.3000 J	0.4000 J J	1.00 U	0.2000 J J
U 00 U	1.00 U	1.00 U	1.00 U
1.00 U	U 00 U	U 00 II	1.00 U
U U 00.1	1.00 U	1.00 U U	1.00 U
D ~	NETHYLENE CHLORIDE  1.00 U U U  CHLOROETHANE  1.00 U U U  METHYLENE CHLORIDE  2.00 U U  ACETONE  2.00 U W  RETHYLENE CHLORIDE  2.00 U W  1.1-DICHLOROETHENE  1.00 U W  1.2-DICHLOROETHENE  1.00 U W  1.3-DICHLOROETHANE  1.00 W W  1.3-DICHLOROETHANE  1.3-DICHLOROETHANE	1.00 U U UU 1.00 U U UU 1.00 U U UU 2.00 U U UU 1.00	C

TAMMRASNAPSHOTAVALIDATID/98MAR01/GROUPA.DIB (3334 of 3334 records) 03/03/98 14:05 1 read by cshein T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03\05\98 15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Delicy   D	NEW   CHOCAL CONTINUES   CHOPA   CHO	EPA NO	GIODGA	GIODHA	GIODIA	GIODJA	COOL
## Industry   100/697   100/1904	Marked		16DGA	G16DHA	G16DIA	G16DJA	G16DKA
Augustication   Augusticatio	### CACLL Continued ### CACLL		16/97		76/2/01	76/7/01	10/8/97
COCAJ Conditioned         AMALTITICAL LANGE SET ONLY ONLY COLUMN SET ONLY ONLY ONLY COLUMN SET ONLY ONLY ONLY ONLY ONLY ONLY ONLY ONLY	Column   C	)epth					
Continued	CONTINUED   CONT	dethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL
NATION OF THE CONTROL	NEAN LATE CONTROL   100  U   1	OC21V (UG/L) Continued					
Second   Color   Col	ACCHIVILEME(PCE)	BROMOFORM		ח	1.00 U U	ח	D
## Stock of the control of the contr	Storic   S	METHYL ISOBUTYL KETONE (4-		n	D	D	D
CACH_OROPEDED   1.00   U	ACCHIANE GTHYLENGCE   100   U	2-HEXANONE		n	n	n	n
CACHLOROCETHANE (ETHYLEN 100 U U 100 U	Color   Colo	TETRACHLOROETHYLENE(PCE)		n	D	n	n
NZENE   1.00   U	100   U   U   1.00   U   U   U   U   U   U   U   U   U	1,1,2,2-TETRACHLOROETHANE		n	n	ח	n
NZENE 1.00 U U 1.00 U 1.0	NZENE 1.00 U U 1.00 U 1.	1,2-DIBROMOETHANE (ETHYLEN	1.00 U	n	D	ח	n
NZENE 1.00 IU U 1.00 IU IU II.00 IU III.00 IU III.00 IU II.00 IU II.00 IU III.00 I	NZENE 1.00 U U 1.00 U 1	TOLUENE		n	ם	ח	ח
COTAL   COTAL   COTOL   COTO	COTAL   COTA	CHLOROBENZENE		D	b	ם	ח
TOTAL   TOO   U   U   U   TOO   U   U   U   U   U   U   U   U   U	COTAL   COTA	ETHYLBENZENE	ם	n	ם	n	n
FOTAL         1:00 U         U         1:00 U <t< td=""><td>  TOTAL   COTAL   COTA</td><td>STYRENE</td><td></td><td>Ω</td><td>D</td><td>ח</td><td>n</td></t<>	TOTAL   COTAL   COTA	STYRENE		Ω	D	ח	n
ROBENZENE         1.00   U         U         1.00   U	ROBENZENE         1.00 IU         U         II.00 IU         U         II.00 IU         U         II.00 IU         III.00 IU         III.00 IU         III.00 IU         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	XYLENES, TOTAL		n	n	ח	n
ROBENZENE         1.00 U         U         1.00 U	ROBENZENE   1.00   U   U   U   1.00   U   U   1.00   U   U   U   U   1.00   U   U   U   U   U   U   U   U   U	1,3-DICHLOROBENZENE		n	n	n	n
ROBENZENE         1.00 U         U         1.00 U	ROBENZENE   1.00   U   U   U   U   U   U   U   U   U	1,4-DICHLOROBENZENE		n	n	n	n
IO-3-CHLOROPROPA       1.00 U       U	COSTHANE (ETHYLEN   1.00   U   U   U   U   U   U   U   U   U	1,2-DICHLOROBENZENE		n	n	n	n
1,2-DIBROMOETHANE (ETHYLEN 1,2-DIBROMOETHANE (ETHYLEN 321W (UGL) 2,4-G-TRINITROTOLUENE 2,4-DINITROTOLUENE CCTAHYDRO-1,3,5-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3	L METHYL ETHER  L METHYL ETHER  ROTOLUENE  ROTOLUENE  O-1,3,5,7-TETRANITR  O-1,3,5,7-TETRANIT	1,2-DIBROMO-3-CHLOROPROPA		n	n	D	n
TERT-BUTYL METHYL ETHER  330SC (UG/L) 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3	T. METHYL ETHER  ROTOLUENE TOLUENE (O-1,3,5,7-TETRANITR (O-1,3,5-TRINITRO-1,3)  PSHOTIVALIDATD/98MAR01\GROUPA.DB (3334 records) 03/05/98 15:05.2  Selemed>  Ogden Environmental and Energy	04 (NG/L) 1,2-DIBROMOETHANE (ETHYLEN					-
TERT-BUTYL METHYL ETHER  33.0SC (UGA.) 2,4.6-TRINITROTOLUENE 2,4-DINITROTOLUENE 0CTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3	SOTOLUENE TOLUENE TOLUENE 20-1,3,5,7-TETRANITR O-1,3,5-TRINITRO-1,3 SHOTIVALIDATD\98MAR01\GEOUPA.DB (1979 records) 03/05/98 15:05.2	OZIW (UGL)					
330SC (UGL) 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3 HEXAHYDRO-1,3,5-TRINITRO-1,3	SOTOLUENE   COLUENE   CO	TERT-BUTYL METHYL ETHER					
2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3	/03/98 14:05.1 read by cshein Ogden Environmental and Energy	330SC (UG/L)					
2,4-DINITROTOLUENE OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3	703/98 14.05.1 read by cshein Ogden Environmental and Energy	2,4,6-TRINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3	/03/98 14:05.1 read by cshein Ogden Environmental and Energy	2,4-DINITROTOLUENE					
	/03/98 14:05.1 read by cshein Ogden Environmental and Energy	OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3					
	703/98 14:05.1 read by cshein Ogden Environmental and Energy.2						
	•	F:\MMR\SNAPSHOT\VALIDATD\98M	AAR01\COC.DB (1979 rec				
		<pre><prg not="" selemed="" table=""></prg></pre>			C		C

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

TICAL LAB REV QUAL CODE RESULT QUAL CODE LUT QUAL QUAL QUAL CODE LUT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	G16DOA  10/10/97  ANALYTICAL LAB REV QUAL RESULT  1.00 U U U 1.00 U U 1.00 U U 2.00 U U 2.00 U U 5.00 U U 1.00 U U	10/10/97   10/10/97   10/10/97   1.00   U   U   U   U   U   U   U   U   U
10/9/97   10/9	1.00 U U U U U U U U U U U U U U U U U U	1.00 U U U U U U U U U U U U U U U U U U
New Outline   Analytical Lab   Rev   Outline   Code	COUNT OUT OUT OUT OUT OUT OUT OUT OUT OUT OU	D D D D D D D D D D D D D D D D D D D
New Color   Analytical Lab Rev Color   Color Color     O	CU C	C C C C C C C C C C C C C C C C C C C
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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## ANALYTICAL   LAB   REV   CODE    ## CODE   CONTINUED    ## CODE   CODE    ## COD		ANALYTICAL LAB REV QUAL 1.00 U U 5.00 U U 1.00 U U	ANALYTICAL RESULT 1.00 5.00 5.00 1.00 1.00 1.00
COCAL) Continued		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  5.00 U U  5.00 U U  1.00 U U	ANALYTICAL IAB RESULT QUAL, 5.00 U 5.00 U 1.00 U 1.00 U 1.00 U 1.00 U 1.00 U
ETONE (4- 5.00 U U 5.00 U 5.00 U 5.00 U 5.00 U U 1.00 U U 1.00 U U 1.00 U U 1.00	D 00.1 D 00.1 D 00.1 D 00.1 D 00.1 D 00.1 D 00.1		
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0.00.8 0.00.0 0.00.1	0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001		
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	0 00.1	1.00 U	U 00 U
1,4-DICHLOROBENZENE 1.00 U U 1.00 U U	U U 00 II	1.00 U	U 00 U
1,2-DICHLOROBENZENE 1.00 U U 1.00 U U	U U 00 II	1.00 U	U 00 U
1,2-DIBROMO-3-CHLOROPROPA 1.00 U U 1.00 U U	U U 00 II	U 00 01	1.00 U
504 (NGA.)			
1,2-DIBROMOETHANE (ETHYLEN			0.80 U
8021W (UG/L)			
TERT-BUTYL METHYL ETHER			0.5000 U U
8330SC (UG/L)			
2,4,6-TRINITROTOLUENE			
2,4-DINITROLUENE			
HEXALYDRO-1 3 S-TRINITRO-1 3			

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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GROUP A: Water Data f
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Color   Colo	G16DPA  10/10/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  1.00 U U  1.00 U U  1.00 U U  1.00 U U  2.00 U U  5.00 U U	TCAL LAB REV UT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	G27DAA	S02DCE	SOZDCT
CHCCAD   C	### analytical Lab Rev Qual Analytical Lab Rev Qual Cobe RESULT QUAL QUAL COBE Analytical Lab Rev Qual Cobe Analytical Lab Result	TICAL LAB REV  U.T QUAL QUAL  1.00 U U			
Color   Colo	d         ANALYTICAL LAB REV QUAL           AGL         QUAL CODE           (UGL)         U         U           OROMETHANE         1.00 U         U           MOMETHANE         1.00 U         U           OROFIHANE         1.00 U         U           HYLENE CHLORIDE         2.00 U         U           TONE         TONE         U	SULT QUAL QUAL  SULT QUAL QUAL  1.00 U U	10/1/01	10/9/97	10/8/97
100   U   U	CHCAL)   RESULT   QUAL   CODE	SULT QUALQUAL			
1.00   U	THANE 1.00 U  THANE 1.00 U  THANE 1.00 U  TANE 1.00 U  E CHLORIDE 2.00 U  5.00 U	D I	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL
1.00   U   U	1.00 U 1.00 U 1.00 U 1.00 U 5.00 U 5.00 U	D :			
1.00   U   U   U   U   U   U   U   U   U	E 1.00 U 1.00 U 1.00 U 1.00 U 2.00 U 5.00 U 5.00 U		J		ח
1.00   U   U   U   U   U   U   U   U   U	ORIDE 1.00 U 5.00 U 5.00 U	)	ח	n	n
1.00   U   U   C   C   C   C   C   C   C   C	ORIDE 1.00 U 5.00 U 5.00 U	D	n m	D	n
2.00 U         U         0         0         U         0	2.00 U 5.00 U	D		D	n
5.00 U         U         5.00 U         R         5.00 U         U         C         5.00 U         U         C	5.00 U	n	U 00.	D	n
1.00   1		ח	UR	ח	n
1.00   U   U   U   1.00   U   U   U   U   U   U   U   U   U	U.00 U	2	ם	ח	b
1.00   U   U   U   1.00   U   U   U   U   U   U   U   U   U	U.00 U	1.00 U U	ב	ח	ח
1.00   U   U   U   U   U   U   U   U   U	1.00 U	ח	ח	D	ח
1.00   U   U   U   U   U   U   U   U   U	1.00 U	n	n	D	n
1.6000 J         J         1.00 U         U         1.00 U         I.00 U         I.00 U         I.00 U         I.00 U         II.00 U         II.00 U         II.00 U         III.00 U         III.00 U         IIII.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1.00 U	n	n	ח	n
1.00   U   U   S.00   U   U   U   U   U   U   U   U   U	0.8000 J	7	n	n	n
5.00 U         U         5.00 U         U         5.00 U         U         5.00 U         U         1.00 U         I.00 U         I.00 U         II.00 U         II.00 U         III.00 U         III.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	U 00.1	n	D	n	n
1.00 U         U         1.00 U	5.00 U	ח	n	ם	n
1.00 U         U         1.00 U <td>1.00 U</td> <td>D</td> <td>D</td> <td>ח</td> <td>n</td>	1.00 U	D	D	ח	n
1.00 U         U         1.00 U	1.00 U	n	D	ח	n
1.00 U         U         1.00 U <td>1.00 U</td> <td>n</td> <td>D</td> <td>ב</td> <td>ם</td>	1.00 U	n	D	ב	ם
1.00 U U         U         1.00 U U         1.00	1.00 U	D	D	ח	n
1.00 U         U         1.00 U <td>1.00 U</td> <td>D</td> <td>ח</td> <td>n</td> <td>n</td>	1.00 U	D	ח	n	n
1.00 U         U         1.00 U <td></td> <td>n</td> <td>n</td> <td></td> <td>n</td>		n	n		n
1.00 U         U         1.00 U <td>1.00 U</td> <td>n</td> <td>D</td> <td>D</td> <td>n</td>	1.00 U	n	D	D	n
1.00 U         U         1.00	1.00 U	n	n	n	n
1.00 U         U         I         1.00 U         U         I         1.00 U         U         I         1.00 U         I <td< td=""><td>1.00 U</td><td>n</td><td>n</td><td>n</td><td>n</td></td<>	1.00 U	n	n	n	n
1.00 U         U         1.00 U         U         U         1.00 U         U         1.00 U         U         1.00 U         U         1.00 U         U         I.00 U         U         I.00 U         U         I.00 U         II.00 U         III.00 U         III.00 U         III.00 U         III.00 U         III.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1.00 U	n	n	n	D
records) 03/03/98 14:05.1 read by cshein Ogden Environmental and Energy 5/98 15:05.2	1.00 U	n	n	Ω	n
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Columbia	EPA NO GI	GIGDPA	G16DQA	G27DAA	SOZDCE	S02DCT
TOTAL   TOTA		6DPA	GI6DQA	G27DAA	SOZIDCE	S02DCT
Continued	pe	10/97	10/14/97	10/7/97	10/6/61	10/8/97
Continued  Continued  MACHINAL LEGIONE  Continued  MACHINAL LOO U  MESSULT  CONTINUED  MACHINAL LOO U  MESSULT  CONTINUED  MACHINAL LOO U  MESSULT  MACHINAL LOO U	Depth					
Continued   1 00   U   5 00   U   0   5 00   U   0   5 00   U   0   5 00   U   0   0   0   0   0   0   0   0	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	REV	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
EM  100 U U  100 U U  200 U U  201 U U  202 U U  203 U U  204 U U  205 U U  206 U U  206 U U  207 U U  208 U  2	OC21V (UGA) Continued					
DBUTYL KITONE (4+ 5:00 U U U 5:00 U U 5:00 U U C C C C C C C C C C C C C C C C C	BROMOFORM			n	D	1.00 U U
AE   S	METHYL ISOBUTYL KETONE (4-		n		n	S.00 U
CACHLORO)=THANE(PCE)   LOO   U	2-HEXANONE		D	n	Ω	5.00 U U
CACHLOROPETHANE  1.00 [U	TETRACHLOROETHYLENE(PCE)		D	n	n	1.00 U
COETHAME (ETHYLEN   1.00   U   U   U   1.00   U   U   U   1.00   U   U   1.00   U   U   U   1.00   U   U   U   1.00   U   U   U   U   U   U   U   U   U	1,1,2,2-TETRACHLOROETHANE		n		n	1.00 U
NZENE   1.00   U   U   1.00   U   U   1.00   U   U   1.00   U   U   U   1.00   U   U   U   U   U   U   U   U   U	1,2-DIBROMOETHANE (ETHYLEN		n	n	n	1.00 U U
NZENE   1.00   U	TOLUENE		Ω		n	1.00 U
COTAL   COU   CO   CO   CO   CO   CO   CO   C	CHLOROBENZENE		Ω	ם	$\Box$	1.00 U
COTAL   COURT   COUR	ETHYLBENZENE	D	n	D	D	U U 00 II
COMPACE   COMP	STYRENE		n			1.00 U
ROBENZENE         1.00 U         U         1.00 U         U         1.00 U         U         1.00 U         U	XYLENES, TOTAL			D	Ω	1.00 U
ROBENZENE         1.00 U         U         1.00 U         U         1.00 U         U           IO-3-CHLOROPROPA         1.00 U         U         1.00 U         U         1.00 U         U           IO-3-CHLOROPROPA         1.00 U         U         1.00 U         U         1.00 U         U           I. METHYL ETHER         II. METHYL ETHER	1,3-DICHLOROBENZENE		n	D	Ω	U 00 00 1
COBENZENE	1,4-DICHLOROBENZENE		n	n	n	U U 00.1
COSTHANE (ETHYLEN   1.00   U   U   1.00   U   U   U   U   U   U   U   U   U	1,2-DICHLOROBENZENE			D	n	1.00 U
T. METHYL ETHER  PROTOLUENE O-1,3,5,7-TETRANITR O-1,3,5-TRINITRO-1,3 PSHOTVALIDATDV98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	1,2-DIBROMO-3-CHLOROPROPA		n	n		1.00 U
T. METHYL ETHER  ROTOLUENE  ROTOLUENE  O-1,3,5,7-TETRANITR  O-1,3,5-TRINITRO-1,3  SHOTVALIDATDV98MAR01\CGCUPA.DB (1979 records) 03/05/98 15.05.2	504 (NG/L)					
T. METHYL ETHER  ROTOLUENE O-1,3,5,7-TETRANITR O-1,3,5-TRINITRO-1,3 PSHOTAVALIDATDA98MAR01\COC.DI3 (1979 records) 03\05\098 15.05.2	1,2-DIBROMOETHANE (ETHYLEN				Ω	U U 08.6
SOTOLUENE TOLUENE TOLUENE D-1,3,5,7-TETRANITR O-1,3,5-TRINITRO-1,3 SHOTIVALIDATDI98MAR01\COC.Di3 (1979 records) 03/05/98 14.05.1 read by cshein SHOTIVALIDATDI98MAR01\COC.Di3 (1979 records) 03/05/98 15.05.2	8021W (UG/L)					
SOTOLUENE	TERT-BUTYL METHYL ETHER					0.5000 U
ENE FINETRANITR RINITRO-1,3 ALIDATDV98MAR01\COC.DI3 (1979 records) 03/05/98 15:05.2	8330SC (UG/L)					
ETETRANITR RINITRO-1,3 ALIDATDV98MAR01\CCC.DI3 (1979 records) 03/05/98 15:05.2	2,4,6-TRINITROTOLUENE					
ALIDATD\98MAR01\COC.DI3 (1979 records) 03/05/98 15.05.2	2,4-DINITROTOLUENE					
RINITRO-1,3         ALIDATID/98MAR01\COC.DI3 (1979 records) 03/05/98 15:05.2	OCTAHYDRO-1,3,5,7-TETRANITR					
ALIDATD\98MAR01\COC.DB (1979 records) 03/03/98 14.05.1 read by cshein ALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	HEXAHYDRO-1,3,5-TRINITRO-1,3					
ALIDATD\98MAR01\GROUPA.DB (3334 of 3334 records) 03/03/98 14.05.1 read by cshein ALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2						
ALIDATD/98MAR01\COC.Dl3 (1979 records) 03/05/98 15:05.2	T:\MMR\SNAPSHOT\VALIDATD\98M	TAROTGROUPA.DB (333	4 of 3334 records) 03/03/98 14	.05.1 read by cshein	Ogden Environment	al and Energy Services
0	T:\MMR\SNAPSHOT\VALIDATD\98M	1AR01/COC.DB (1979 rec			0	o o
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

S16DDT   S16DDT   S16DDT   S16DRT   S27DCE   S16DRT   S27DCE   S16DRT   S27DCE   S16DRT   S27DCE   S16DRT   S27DCE   S16DRT   S	10   10   10   10   10   10   10   10	pa				The same of the sa	100 000
100   U   U   1.00   U   U   U   U   U   U   U   U   U	TOTALIANE   TOTA			SI4DAE	SIGDDI	SIGDRI	SZ/DCE
Note   Lord   Lord   Contact   Lord   Contact   Lord   Contact   Lord   Contact   Lord   Contact   Conta	COCCAD         COCCAD<	The control of the co		+	76/29/97	10/6/97	10/6/97
100   0   0   0   0   0   0   0   0	CCACA         AMALTITA LAMB ENTITOR IN AMERICA COLLA	Depth					
100   10   100   10   100	100   U	9	REV QUAL	YTICAL LAB REV	LAB REV QUAL QUAL	LAB REV QUAL QUAL	QUAL
1.00   U   U   U   U   U   U   U   U   U	1.00   U   U   U   U   U   U   U   U   U	OC21V (UGA.)					
1.00   U   U   U   U   U   U   U   U   U	1.00   U   U   U   U   U   U   U   U   U	1.00 U	ח		D	ם	$\supset$
1.00   U   U   U   C   U   U   U   U   U   U	1.00   U   U   U   D   D   U   D   D   D   D	1.00 U	ח	1.00 U	n	ם	D
1.00   U   U   C   C   C   C   C   C   C   C	1.00   U   C   C   C   C   C   C   C   C   C	1.00 U	n	ם	D	ם	n
2.00         U         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00	2.000 U         C </td <td>1.00 U</td> <td>U</td> <td>ם</td> <td>b</td> <td>ח</td> <td>n</td>	1.00 U	U	ם	b	ח	n
Sool U         R         4.00 J         J         Sool U         G         5.00 U         G         1.00 U         G	S.000 R         R         4.00 J         J         S.000 U         U         L.00 U         U	2.00 U	- D	D 00.	D	D 00	D
1.00   U   U   U   U   U   U   U   U   U	1.00   U	5.00 U	_ n	.00 U R	ſ	n	D
1.00   U   U   U   U   U   U   U   U   U	1.00   U   U   U   U   U   U   U   U   U	1.00 U	_ n		D	ח	ח
1.00   U   U   U   U   U   U   U   U   U	1.00   U   U   U   U   U   U   U   U   U	1.00 U		ח	ח	D	D
1.00   U   U   U   U   U   U   U   U   U	1.00 U         U         1.00	1.00 U		ח	n	ח	n
1.00   U   U   U   U   U   U   U   U   U	1,00 U         U         1,00 U         U         0,66000 J           1,00 U         U         1,00 U         U         0,66000 J           1,00 U         U         1,00 U         U         1,00 U           2,00 U         U         1,00 U         U         1,00 U           1,00 U         U         1,00 U         U	1.00 U		ם	ח	D	D
1.00   U   U	1.00 U         U         1.00 U         U         0.600 U           1.00 U         U         1.00 U         U         1.00 U           2.00 U         U         1.00 U         U         1.00 U           2.00 U         U         1.00 U         U         1.00 U           1.00 U         U         1.00 U         U         1	1.00 U	. n	ם	n	D	ח
1.00 U         U         1.00 U	1.00 U         U         1.00 U         U         5.00 U         U         5.00 U         U         5.00 U         U         1.00 U	1.00 U	n	D	n	n	7
5.00 U         U         5.00 U         U         5.00 U         U         5.00 U         U         1.00 U         II.00 U         III.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	5.00 U         U         5.00 U         U         5.00 U         U         1.00 U         I.00 U         I.00 U         II.00 U         II.00 U         III.00 U         III.00 U         IIII.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1.00 U	J.		n	ח	n
1.00 U         U         1.00 U <td>1.00 U         U         1.00 U         <td< td=""><td>5.00 U</td><td>. T</td><td>D</td><td>n</td><td>ח</td><td>n</td></td<></td>	1.00 U         U         1.00 U <td< td=""><td>5.00 U</td><td>. T</td><td>D</td><td>n</td><td>ח</td><td>n</td></td<>	5.00 U	. T	D	n	ח	n
1.00 U         U         1.00 U <td>1.00 U         U         1.00 U         <td< td=""><td>1.00 U</td><td>J.</td><td>ח</td><td>ח</td><td>ח</td><td>n</td></td<></td>	1.00 U         U         1.00 U <td< td=""><td>1.00 U</td><td>J.</td><td>ח</td><td>ח</td><td>ח</td><td>n</td></td<>	1.00 U	J.	ח	ח	ח	n
1.00 U         U         1.00 U <td< td=""><td>1.00 U         U         1.00 U</td><td>1.00 U</td><td>. n</td><td>ח</td><td>D</td><td>D</td><td>n</td></td<>	1.00 U         U         1.00 U	1.00 U	. n	ח	D	D	n
1.00 U         U         1.00 U	1.00 U         U         1.00 U	1.00 U	J.	n	n	n	n
1.00 U         U         1.00 U	1.00 U         U         1.00 U <td< td=""><td>1.00 U</td><td></td><td>ח</td><td><math>\supset</math></td><td>ם</td><td>ם</td></td<>	1.00 U		ח	$\supset$	ם	ם
1.00 U         U         1.00 U <td< td=""><td>1.00 U         U         1.00 U</td><td>1.00 U</td><td></td><td>n</td><td>ח</td><td>ח</td><td>D</td></td<>	1.00 U         U         1.00 U	1.00 U		n	ח	ח	D
1.00 U         U         1.00 U <td< td=""><td>1.00 U         U         1.00 U<!--</td--><td>1.00 U</td><td></td><td>ח</td><td>n</td><td>n</td><td>D</td></td></td<>	1.00 U         U         1.00 U </td <td>1.00 U</td> <td></td> <td>ח</td> <td>n</td> <td>n</td> <td>D</td>	1.00 U		ח	n	n	D
1.00 U         U         1.00 U <td< td=""><td>1.00 U         U         1.00 U</td><td>1.00 U</td><td></td><td>n</td><td>n</td><td>ח</td><td>n</td></td<>	1.00 U         U         1.00 U	1.00 U		n	n	ח	n
1.00 U         U         1.00 U <td< td=""><td>1.00 U         U         1.00 U         <td< td=""><td>1.00 U</td><td>n</td><td>ח</td><td>n</td><td>ח</td><td>n</td></td<></td></td<>	1.00 U         U         1.00 U <td< td=""><td>1.00 U</td><td>n</td><td>ח</td><td>n</td><td>ח</td><td>n</td></td<>	1.00 U	n	ח	n	ח	n
1.00 U         U         I         1.00 U         U         I         1.00 U         U         I         I         1.00 U         I <td< td=""><td>1.00 U         U         1.00 U         U         I</td></td<> <td>1.00 U</td> <td>T.</td> <td>ח</td> <td>n</td> <td>ח</td> <td>ח</td>	1.00 U         U         I	1.00 U	T.	ח	n	ח	ח
1.00 U         U         I.00 U         U         I.00 U         U         I.00 U         U         II.00 U         U         II.00 U         III.00 U         III.00 U         III.00 U         III.00 U         III.00 U         IIII.00 U         IIIIIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIIIIII.00 U         IIIIIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIII.00 U         IIIIII.00 U         IIIIII.00 U         IIII.00 U         IIIIIIIII.00 U         IIIIIIIIIII.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1.00 U         U         O         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1.00 U	U	ח	n	ח	n
records) 03/03/98 14:05 1 read by cshein Ogden Environmental and Energy 05/98 15:05.2	records) 03/03/98 14:05 1 read by cshem Ooden Environmental and Energy	1.00 U	D	n	D	n	n
)5/98 15:05.2	Ogden Environmental and Energy	MMR\SNAPSHOT\VALIDATD\98MAB01\GROUPA	DB (333.		1.05 1 read by cshein		
37.98 13.03.2	5200 15.05	SECTION OF THE PROPERTY OF THE	1070 -020			Ogden Environmen	tal and Energy Servi
	13.03.2	TANKAN MARINAN	2016/61	.07.68 15:05.			

T.WMR\SNAPSHOT\VALIDATD\98MAR01\GROUPA.DB (3334 of 3334 records) 03/03/98 14:05 1 read by eshein T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OGDEN ID         SOBDCT           Date Sampled         10/1/97           Depth         Analyte           Analyte         Analyte           OC21V (UGAL) Continued         PROMOFORM           BROMOFORM         1.00 U           BROMOFORM         1.00 U           AMETHYL ISOBUTYL KETONE (4-5.00 U         5.00 U         U           2-IEXANONE         1.00 U         U           1,1,2,2-TETRACHLOROETHANE         1.00 U         U           1,2,DIBROMOETHANE (ETHYLEN         1.00 U         U           CHLOROBENZENE         1.00 U         U           ETHYLBENZENE         1.00 U         U           ETHYLBENZENE         1.00 U         U           I,3-DICHLOROBENZENE         1.00 U         U           1,3-DICHLOROBENZENE         1.00 U         U           1,2-DICHLOROBENZENE         1.00 U         U           1,2-DICHLOROBENZENE <t< th=""><th>S1.2 77.2</th><th>TTCAL. LAB 1.100 U 5.00 U 1.00 U</th><th>LAB REV</th><th>S16I)RT 10/6/97</th><th>S27DCE 10/6/97</th></t<>	S1.2 77.2	TTCAL. LAB 1.100 U 5.00 U 1.00 U	LAB REV	S16I)RT 10/6/97	S27DCE 10/6/97
ampled  d  d  Ate  AMOFORM  HYL ISOBUTYL KETONE (4- XANONE  RACHLOROETHYLENE(PCE)  3.2-TETRACHLOROETHANE  DIBROMOETHANE (ETHYLEN  UENE  OROBENZENE  YLBENZENE  RENE  ENES, TOTAL  SICHLOROBENZENE  SICHLOROBENZENE  SICHLOROBENZENE  SICHLOROBENZENE  SICHLOROBENZENE  SICHLOROBENZENE	2/2	SULT QUAL GUAL GUAL GUAL GUAL GUAL GUAL GUAL G	YTICAL LAB REV	10/9/01	10/6/97
d Ate MOFORM HYL ISOBUTYL KETONE (4- KANONE RACHLOROETHYLENE(PCE) ,2-TETRACHLOROETHANE DIBROMOETHANE (ETHYLEN UENE OROBENZENE RENE RENE RENE RENE RENE RENE RICHLOROBENZENE SICHLOROBENZENE SICHLOROBENZENE SICHLOROBENZENE		LAB REV QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	LAB REV		
CUGAL) Continued  AOFORM  IYL ISOBUTYL KETONE (4- KANONE  ACHLOROETHYLENE(PCE)  2-TETRACHLOROETHANE  BROMOETHANE (ETHYLEN  ENE  CHENE  CHENE  CHLOROBENZENE  ENE  CHLOROBENZENE  CHLOROBENZENE  CHLOROBENZENE  CHLOROBENZENE  CHLOROBENZENE  CHLOROBENZENE  CHLOROBENZENE  CHLOROBENZENE  CHLOROBENZENE		COUNTRY OF THE COUNTR	LAB REV		
ETONE (4- 5.00 U  ENE(PCE) 1.00 U  ETHYLEN 1.00 U		ממממ	RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OETHYLENE(PCE) 1.00 U  CHLOROETHANE (THYLEN 1.00 U  ENE 1.00 U  ENE 1.00 U  IOU		ממממ			
D 00.00.1		מממ	1.00 U	1.00 U U	1.00 U
2.00 0.10 0.10 0.10 0.10 0.10 0.10 0.10		חח	5.00 U U	5.00 U U	5.00 U U
D D D D D D D D D D D D D D D D D D D		n	5.00 U U	5.00 U U	5.00 U U
D 0001		1	1.00 U U	1.00 U U	1.00 U U
D D D D D D D D D D D D D D D D D D D		0 0 00.1	1.00 U	1.00 U U	1.00 U
1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00		1.00 U	U 00 II	1.00 U U	U U OO I
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0.00.1		1.00 U	1.00 U U	1.00 U U	1.00 U
S04 (NGIL)					
1,2-DIBROMOETHANE (ETHYLEN 10.0 U		9.50 U U	0.80 U	U U 08.6	11.0 U
8021W (UGA.)					
TERT-BUTYL METHYL ETHER 0.5000 U U		0.5000 U	U 00000 U	0.5000 U	0.5000 U U
8330SC (UG/L)					
2,4,6-TRINITROTOLUENE	36.50	10.0 U			
2,4-DINITROTOLUENE		10.0 U			
OCTAHYDRO-1,3,5,7-TETRANITR		U 0.0 I			
HBXAHYDRO-1,3,5-TRINITRO-1,3		U 0.0 U			
TAMMENSNAPSHOTIVALIDATINGSMARQINGROUP DIS (3334 of 3334 recorded 03/03/08 14:05 1 read by cehain	DIR (3334 of 33	34 recorde) 03/03/08 14:0	15 1 road by cebain		
T:MMR\SNAPSHOTVALIDATD\98MAR0\COC.DB (1979 records) 03/05/98 15:05	1979 records) 0	3/05/98 15:05 2		Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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MOIDDA  10/1/97  ANALYTICAL IAB REV QUAL CODE 1.00 U U 1.00 U U 1.00 U U 2.00 U U 2.00 U U 1.00 U 1.00 U U 1.00		WOIDDT  10/1/97  ANALYTICAL LAB REV QUAL RESULT  1.00 U U  1.00 U U  1.00 U U  2.00 U U  2.00 U U  1.00 U U	U U U U U U U U U U U U U U U U U U U
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			Techno
BROMODICHLOROPROPANE   1.00   U   U   U   U   CIS-1,3-DICHLOROPROPENE   1.00   U   U   U   U   U   DIBROMOCHLOROPROPENE   1.00   U   U   U   U   U   U   U   U   U	U U U U U U U U U U U U U U U U U U U		

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

Date Sampled     Date Sampled   Date Sampled     Date S	S27DCT W01DDA	WOLDDE	WOLDDY	WOIMMA
Date Sampled	WOII	.W0110DF	W0110101	W01MMA
Method		9/30/97	10/1/07	9/29/97
Method				
DECLIF (UGAL) Continued   1 00 U U U   1 00 U   1 0 U   1	ANALYTICAL TAB REV   QUAL ANALYTICAL LAB REV   GUAL BESULT QUAL QUAL CODE BENTELL GUAL LAB TOTAL CODE	TALL ANALYTIA TABLERS, JUNE	ANNIAD ALTABORES, QUAL PESTITO QUAL PLATOCIA	ANALYTICAL TABLER QUAL BESTELL OF MORE ALCODE
BROMOFORM  METHYL ISOBUTYL KETONIE (4- 5.00 U U U 5.00 U U  2-HEXANONE  TETRACHLOROETHYLENE(PCE)  1,2,2-TETRACHLOROETHANIE  1,1,2,2-TETRACHLOROETHANIE  1,2,2-BEROMOETHANIE  1,0,0 U U U 100 U 100 U U 100 U U U 100 U U U U				
METHYL ISOBUTYL KETONE (4+ 5.00   U   U   5.00   U   U   1.00   U   TETRACHLOROETHANE   1.00   U   U   U   1.00   U   U   1.00   U   U   1.2.2-TETRACHLOROETHANE   1.00   U   U   U   U   1.00   U   U   U   U   U   U   U   U   U		1.00 U U	1.00 U	1.00 U  UJ  C
2-HEXANONE TETRACHI.OROETHYLENE(PCE) 1.00   U 1,2,2-TETRACHI.OROETHANE 1,00   U 1,2,2-TETRACHI.OROETHANE 1,00   U 1,2,2-TETRACHI.OROETHANE 1,00   U		5 00 U U	5 00 11 11	5.00IU IU
TETRACHLOROETHANE; 1.00 U U   1.00   1.00   1.00   1.00   1.2.2-IETRACHLOROETHANE; 1.00 U U   1.00   1.00   1.2.2-IETRACHLOROETHANE; 1.00 U U   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.2.2   1.2-DIBROMOETHANE; 1.00 U   1.2-DIROEDENZENE; 1.2-DIROEDENZENE; 1.2-DIROEDENZENE; 1.2-DIROEDENZENE; 1.2-DIROEDENZENE; 1.2-DIROEDENZENE; 1.2-DIROEDENZENE; 1.2-DIROEDENZENE; 1.2-DIROEDENZENE; 1.00 U   1.00 U   1.2-DIROEDENZENE; 1.2-Z-TERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTERRANTTRRANTERRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRANTTRRANTERRAN	10.	5.00 11 13	5.00 U	5.00IU IU
1,1,2,2-TETRACHLOROETHANE	n - n	$1.00_1$ U	U 00.00.1	10001
1,2-DIBROMOETHIANE (ETHYLEN   1.00   U   U   U   U   U   U   U   U   U		1 00 11	1.00/U	1 00 1
TOLUENE CHLOROBENZENE 1.00 U U ETHYLBENZENE 1.00 U U 1.4-DICHLOROBENZENE 1.00 U U 1.4-DICHLOROBENZENE 1.2-DICHLOROBENZENE 1.2-DICHLOROBENZENE 1.2-DICHLOROBENZENE 1.2-DICHLOROBENZENE 1.2-DIROMO-3-CHLOROPROPA 1.00 U U 1.00 U 1.2-DIROMO-3-CHLOROPROPA 1.00 U U 1.00	1.00 U	11 00 11	11 D 00.1	1.00 U U
CHLOROBENZENE  ETHYLBENZENE  STYRENE  XYLENIES, TOTAL  1,3-DICHLOROBENZENE  1,00 U U U 1,00 U		11 00 1	1 00 11	1.00 <sub>1</sub> U  U
ETHYLBENZENE		1) 11 00 1	1004	1.00 U
STYRENE   1.00 U   U   1.00 U   U   1.00 U   U   1.00 U   U   1.3-DICHLOROBENZENE   1.00 U   U   1.00 U   U   1.00   U   1.2-DIBROMO-3-CHLOROPROPA   1.00 U   U   1.00   U   1.00   U   1.2-DIBROMOETHANE (ETHYLEN   11 0 U   U   U   U   U   0.500   U   0		1.00 U	U 00.00	1 00 U
XYLENES, TOTAL		11 00 11	11.00 U	1.00 U  U
1,3-DICHLOROBENZENE		11 11 00 11	1.00 U	U U U I I
1,4-DICHLOROBENZENE		11 00 11	U.00 U	1.00IU IU I
1,2-DICHLOROBENZENE 1,2-DIBROMO-3-CHLOROPROPA 1,2-DIBROMO-3-CHLOROPROPA 1,2-DIBROMOETHANE (ETHYLEN 1,2		1 00 1	1 00 U	U U 00 1
1,2-DIBROMO-3-CHLOROPROPA		11 11 (10)	U 0 00.1	n n 00 l
### 15-DIBROMOETHANE (ETHYLEN   11 0 U   U   U   W   B021W (UGA.)  TERT-BUTYL METHYL ETHER   0.5000 U   U   2.00  ##################################		1,00 U	U U U U	1.00/U   U
1,2-DIBROMOETHANE (ETHYLEN   11 0 U   U   B021W (UGL)				
### ### ##############################	110 U U		10.0 U	П П 09'6
### 1500 U U ### 2.00  #### 1500 U U ### 2.00  ##################################				
8330SC (UGA.)  2,4,6-TRINITROTOLUENE  2,4-DINITROTOLUENE  OCTALIYDRO-1,3,5-TETRANITR  HEXAHYDRO-1,3,5-TRINITRO-1,3  TEMMRISNAPSHOTIVĀLIDĀTDI98MAR0ĪNGROUPA.DB (1979 records)  TEMMRISNAPSHOTIVĀLIDĀTDI98MAR01NCOC.DB (1979 records)  CPRG table not selected>	U 2.00 J	**	0.5000 U U	0.5000 U  U
2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3 TEMMR\SNAPSHOT\VALIDATD\98MAR\01\COC.DB (1979 records) 03/05/98 15 <- PRO table not selected>				
2,4-DINITROTOLUENE OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3 TEMMR\SNAPSHOT\VALIDATD\98MAR\01\COC.DB\(1979\) records\(1979\) Tecords\(1979\) Tecords\(1970\) Te				
OCTAITYDRO-1,3,5,7-TETRANITR  HEXAHYDRO-1,3,5-TRINITRO-1,3  T:VMMR\SNAPSHOTV\ALIDATD\98MAR\01\text{INGROUPA.DB} (3334 of 3334 records)  T:VMMR\SNAPSHOTV\ALIDATD\98MAR\01\text{COC.DB} (1979 records) 03/05/98 15 <prg not="" selected="" table=""></prg>				
HEXAHYDRO-1,3,5-TRINITRO-1,3  T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\\GR\OUP\A.DB\(3334\) of \\3334\) records\)  T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\\COC.DB\(1979\) records\) \\03\\05\\05\\08\\01\\05\\03\\05\\05\\08\\01\\05\\03\\05\\05\\08\\05\\03\\05\\05\\05\\05\\05\\05\\05\\05				
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPA.DB (3334 of 3334 records) T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15 <prg not="" selected="" table=""></prg>				
T:\MMR\SNAPSHOT\VALIDATD\9\8MAR\0\1\GR\O\U\A\.D\B\(3334\) of \\3334 records\) T:\MMR\SNAPSHOT\VALIDATD\9\8MAR\0\1\COC.D\B\(1979\) records\) \(450\) \(				
1:MMR\SNAPSHO1\VALIDATD\98MAR01\GROUPA.DB (3334 of 3334 records) T:\MMR\SNAPSHO1\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15 <prg not="" selected="" table=""></prg>			71	K
1:WMKSNAPSHOTVVALIDATDV98MAR0TVCOC.DB (1979 records) 03/05/98 15- <prg not="" selected="" table=""></prg>	MAR01\GROUPA.DB (3334 of 3334 records) 03/03/9	8 14:05.1 read by cshein	Ogden Environmen	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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Is 504, 8021W, 8330SC and OC21V
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GROUP A: Water Data for Methods 50
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EPA NO	WOIMME	WOIMMT	W01SSA	WOISSD	W01SSE
OGDEN ID	WOIMME	WOIMMT	W01SSA	W01SSD	W01SSE
Date Sampled	9/29/97	9/29/97	9/30/97	9/30/97	9/30/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I.AB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21V (UGL)					
CHLOROMETHANE	U U 00.1	1.00 U	1.00 U U	1.00 U	1.00 U
VINYL CHLORIDE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
BROMOMETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U
CHLOROETHANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
METHYLENE CHLORIDE	2.00 U U	2.00 U U	2.00 U U	2.00 U U	2.00 U U
ACETONE	5.00 J U B	5.00 U U	5.00 U R R	5.00 U R R	5.00 U U
CARBON DISULFIDE	1.00 U	1.00 U U	1.00 U	U 00 01	1.00 U
1,1-DICHLOROETHENE	U 0 0 0 1	1.00 U	U 00 U	1.00 U	U U 00.1
1,1-DICHLOROETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U
CIS-1,2-DICHI,OROETHYI,ENE	1.00 U U	1.00 U	1.00 U	U 00 U	U 0 0 0 1
TRANS-1,2-DICHLOROETHENE	1.00 U	1.00 U	U U O O I	U U 00.1	U U 00.1
CHLOROFORM	1.00 U U	1.00 U	1.00 U U	1.00 U	1.00 U
1,2-DICHLOROETHANE	U 0 0 0 1	1.00 U	1.00 U	1.00 U	1.00 U
METHYL ETHYL KETONE (2-BUT	JT 5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
BROMOCHLOROMETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-TRICHLOROETHANE	1.00 U U	U U 00.1	1.00 U	1.00 U	1.00 U U
CARBON TETRACHLORIDE	1.00 U	U U 00.1	1.00 U	1.00 U	1.00 U
BROMODICHLOROMETHANE	1.00 U	U U 00.1	U 0 0 0 1	1.00 U	1.00 U U
1,2-DICHLOROPROPANE	1.00 U	1.00 U	1.00 U	U 0 0 0 1	1.00 U
CIS-1,3-DICHLOROPROPENE	U 00 U	1.00 U	1.00 U	1.00 U	1.00 U U
TRICHLOROETHYLENE (TCE)	1.00 U	U 0 00.1	U 0 0 U	1.00 U	1.00 U
DIBROMOCHLOROMETHANE	1.00 U	U U 00.1	1.00 U	1.00 U	U U 00.1
1,1,2-TRICHLOROETHANE	U 00 U	U 0 0.1	1.00 U	U 0 0 0 0	U D D O I
BENZENE	U U 00.1	U 0 0.1	1.00 U	1.00 U	U 00 U
TRANS-1,3-DICHLOROPROPENE	E 1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U U
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

OCIDENTO   WOLMANE   WOLDSTATE   WOLDSTA	EPA NO WC	WOIMME	WOIMMT	WOISSA	CISSIOM	W01SSE
## WANTERFOLD AND THE FIGHER  ## CALL CONTINUED  ##		01MME	WOIMMT	W01SSA	CISS10M	WOISSE
According   Acco		26/67		9/30/97	9/30/97	9/30/97
Column   C	Depth				•	
Deciminated   Continued   Co	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	REV	LAB REV QUAL QUAL	LAB REV QUAL QUAL
Decided   Deci	OC21V (UGL) Continued					
OBUTYL KETONE (4- 500 U U U U U 100 U U U 10	BROMOFORM		n	n	n	n
Stock   Color   Colo	METHYL ISOBUTYL KETONE (4-		ח	n		n
DROCHTWLENE(PCE)  100 U  100 U	2-HEXANONE		n	D	D	n
CACHLONG CHIMANE   1.00   U   U   U   1.00   U   U   1.00   U   U   1.00   U   U   1.00   U   U   U   1.00   U   U   U   1.00   U   U   U   U   U   U   U   U   U	TETRACHLOROETHYLENE(PCE)		n	D		ח
NATIONALIDATIDASMARRONGROUP   NATIONAL   NATIONAL   NATIONALIDATIDASMARRONGROUP   NATIONAL   NATIONALIDATIDASMARRONGROUP   NATIONAL   NATIONALIDATIDASMARRONGROUP   NATIONAL   NATIONALIDATIDASMARRONGROUP   NATIONAL   NATIONAL   NATIONAL   NATIONALIDATIDASMARRONGROUP   NATIONAL   NATIONALIDATIDASMARRONGROUP   NATIONAL   NATIONAL   NATIONAL   NATIONALIDATIDASMARRONGROUP   NATIONAL	1,1,2,2-TETRACHLOROETHANE		Ω	D	D	n
NAENE	1,2-DIBROMOETHANE (ETHYLEN		ח	D	n	n
NZENE   1.00   U   U   U   U   U   U   U   U   U   U	TOLUENE		n	D	D	n
COLUMNITION	CHLOROBENZENE		n	D	n	n
COTAL   COTAT   COTAL   COTAT   COTA	ETHYLBENZENE		ח	D	ח	D
COTAL   COTA	STYRENE		ח	n	D	$\Box$
ROBENZENE   1.00   U   U   U   1.00   U   U   U   U   U   U   U   U   U	XYLENES, TOTAL		n	D	ח	n
ROBENZENE   1.00   U	1,3-DICHLOROBENZENE		n	b	n	D
ROBENZENE   1.00   U	1,4-DICHLOROBENZENE		n	D	D	n
TOP STANDALIDATID)	1,2-DICHLOROBENZENE		ח	n	ח	
CONTINUE	1,2-DIBROMO-3-CHLOROPROPA		Ω	n	D	n
## TOTOLUBNE  **NOTOLUBNE**  **NOTUBNE**  **NOTOLUBNE**  **NOTOLUB	504 (NG/L)					
T. METHYL ETHER  0.5000 U  U  0.5000 U  ROTOLUENE  O-1,3,5,7-TETRANITR  O-1,3,5,7-TETRANITR  O-1,3,5,7-TETRANITR  SO-1,3,5,7-TETRANITR  O-1,3,5,7-TETRANITR  SO-1,3,5,7-TETRANITR  O-1,3,5,7-TETRANITR  O-1,3,5,7-TE	1,2-DIBROMOETHANE (ETHYLEN		n	b	D	n
0.5000 U U 0.5000 U 0	8021W (UG/L)					
/03/98 14:05.1 read by eshein  Ogden Environmental and Energy	TERT-BUTYL METHYL ETHER					
03/98 14:05.1 read by eshein  Ogden Environmental and Energy	8330SC (UGA)					
/03/98 14:05.1 read by cshein  Ogden Environmental and Energy	2,4,6-TRINITROTOLUENE					
703/98 14:05.1 read by cshein Ogden Environmental and Energy	2,4-DINITROTOLUENE					
/03/98 14:05.1 read by eshein Ogden Environmental and Energy	OCTAHYDRO-1,3,5,7-TETRANITR					
/03/98 14:05.1 read by eshein Ogden Environmental and Energy	HEXAHYDRO-1,3,5-TRINITRO-1,3					
703/98 14:05.1 read by eshein Ogden Environmental and Energy 2						
Ogden Environmental and Energy	T.\MMR\SNAPSHOT\VALIDATD\98M	IAR01\GROUPA.DB (333	4 of 3334 records) 03/03/98 14	05.1 read by eshein		
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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GROUP A: Water Data for Methods 504, 8021W, 8330SC

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10/17/97   10/18/97   10/18/97   10/18/97   10/17/97   10/17/97   10/17/97   10/18/97		ISST	W15DDA	W15SSA	W15SSE	W9506A
Column   C		76/0	10/9/97	10/8/97	10/8/97	10/17/97
	Depth					
1.00   U   U   U   U   U   U   U   U   U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	REV QUAL	AB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
1.00   U   U   U   U   U   U   U   U   U	OC21V (UG/L)					
1.00   U   U   C   1.00   U   U   U   C   1.00   U   U   U   U   U   U   U   U   U	CHLOROMETHANE		n		n	1.00 U
1.00 U U U C	VINYL CHLORIDE		n		n	1.00 U
1.00 U U 5.00 U U U 5.00 U U U 1.00 U	BROMOMETHANE		U UJ	U UJ	n	1.00 U
2.00 U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U 1.00 U 1.0	CHLOROETHANE		1.00 U U	1.00 U	n	U 0 0.1
5.00 U         U         9.00         P           1.00 U         U         1.00 U         U           1.00 U         U	METHYLENE CHLORIDE		2.00 U U	n	n	2.00 U U
1.00   U   U   U   U   U   U   U   U   U	ACETONE				0.00	5.00 U R R
1.00   U   U   U   U   U   U   U   U   U	CARBON DISULFIDE	b	D	D	n	U 00 00 1
1.00 U U 1.00 U 1.	1,1-DICHLOROETHENE		D		ם	U 0 0 0 1
1.00 U U U 1.00 U 1.0	1,1-DICHLOROETHANE		D		D	U 0 0.1
1.00 U U	CIS-1,2-DICHI,OROETHYI,ENE		1.00 U U		n	U 00 U
1.2000 J         J         F         1.00 U         U           1.00 U         U         1.00 U         U           5.00 U         U         5.00 U         U           1.00 U         U         1.00 U         U           1.00 U<	TRANS-1,2-DICHLOROETHENE	D	1.00 U U	n	n	U 0 0 0 1
1.00 U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00 U U U 1.00 U U U 1.00 U	CHLOROFORM	ח	2000 J J	ſ	n	0.8000 J J
5.00 U       U       5.00 U       U       1.00 U       U         1.00 U       U       1.00 U       U <td< td=""><td>1,2-DICHLOROETHANE</td><td></td><td>D</td><td>n</td><td>n</td><td>U 00 U</td></td<>	1,2-DICHLOROETHANE		D	n	n	U 00 U
1.00 U U U 1.00 U 1.0	METHYL ETHYL KETONE (2-BUT		5.00 U U	5.00 U U	n	5.00 U U
1.00 U U U 1.00 U	BROMOCHLOROMETHANE	D	D	n	n	1.00 U
1.00 U U U 1.00 U 1	1,1,1-TRICHLOROETHANE		ם		n	U 0 0 0.1
1.00 U U U 1.00	CARBON TETRACHLORIDE	n		n	n	U D 00.1
1.00 U U U 1.00 U	BROMODICHLOROMETHANE			n	D	1.00 U
1.00 U U 1.00 U 1	1,2-DICHLOROPROPANE		ח	D	D	1.00 U
1.00 U U U 1.00 U	CIS-1,3-DICHLOROPROPENE		n	n	ח	1.00 U
1.300e J         J         1.00 U         U         1.00 U         U           1.00 U         U         1.00 U         U         1.00 U         U           1.00 U         U         1.00 U         U         1.00 U         U           1.00 U         U         1.00 U         U         1.00 U         U	TRICHLOROETHYLENE (TCE)			n	D	1.00 U
1.00 U U 1.00 U 1.00 U U	DIBROMOCHLOROMETHANE		7	n	n	U D 00.1
1.00 U U U U U 1.00 U U U U U U U U U U U U U U U U U U	1,1,2-TRICHLOROETHANE				Ω	U 00 U
1.00 U U 1.00 U U 1.00 U U 1.00 U D 1.00 U D I records) 03/03/98 14.05 I read by cshein Ooden Environmental and	BENZENE			'n	n	U D 00.1
records) 03/03/98 14.05 1 read by cshein Ooden Environmental and	TRANS-1,3-DICHLOROPROPENE			n	Ω	1.00 U
	NMMR\SNAPSHOT\VALIDATD\98MZ	AROI\GROUPA.DB (3334		.05 I read by cshein	Orden Enwironmen	Deposition Character Correction
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

NI   D	EPA NO WO	W01SST	W15DDA	W15SSA	WISSE	W9506A
The Column   System   System   System   System   The Column   System   The Column   System   The Column   T		01SST	W15DDA	W15SSA	W15SSE	W9506A
Columbia	pa	76/08	10/6/01	10/8/97	10/8/97	10/17/97
COLUMN   C	Depth					
Continued   1.00   U   U   1.00   U   U   1.00   U   U   S 00   U   U   U   U   U   U   U   U   U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	AB REV	RFV QUAL	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
DBUTYL KETONE (4- 500 U U U 100 U U 100 U U 500 U U 100 U 10	OC21V (UGA) Continued					
DBUTYL KETONE (4- 5.00 U U 1.00 U 1.	BROMOFORM		D	n	n	
Variable	METHYL ISOBUTYL KETONE (4-		n	D	n	5.00 U U
DROETHYLENE(PCE) 1.00 U U U 1.00 U 1.00 U 1.00 U U 1.00 U U 1.00 U U 1.00 U 1.00 U U	2-HEXANONE	ם	n	ח	n	5.00 U U
CACHLOROETHANE  1.00   U	TETRACHLOROETHYLENE(PCE)	ם	n	ח	n	
NGENE   1.00 U   U   U   1.00 U   U   1.00 U   U   U   U   U   U   U   U   U   U	1,1,2,2-TETRACHLOROETHANE	n	n	n	n	
NZENE 1.00 U U U 1.00	1,2-DIBROMOETHANE (ETHYLEN	n	D	ח	n	
NZENE  1.00 U U U 1.00 U 1.00 U U 1.00 U U 1.00 U 1.00 U 1.00 U 1.00 U U 1.00 U 1.	TOLUENE	ח	ם	n	7	
COLUMN   C	CHLOROBENZENE	D	D	D	n n	
TOTAL   TOO   U	ETHYLBENZENE	D	D	D	ח	
TOTAL         TOTAL         1.00 U         U         1.00 U         U         1.00 U         U           ROBENZENE         1.00 U         U         1.00 U         U         1.00 U         U         1.00 U         U           ROBENZENE         1.00 U         U	STYRENE		n	ח	n	
ROBENZENE         1.00 U U	XYLENES, TOTAL		D	n	n	
ROBENZENE         1.00 U U         U         0.5000 U U         0.5000 U U         0.5000 U U         0.5000 U U         0.5000 U U         0.5000 U U         0.5000 U U	1,3-DICHLOROBENZENE		D	D	D	
ROBENZENE         1.00 U         U         1.00 U         U         1.00 U         U <td>1,4-DICHLOROBENZENE</td> <td></td> <td>D</td> <td>n</td> <td>D</td> <td></td>	1,4-DICHLOROBENZENE		D	n	D	
10-3-CHLOROPROPA         1.00 U         U         1.00 U         U </td <td>1,2-DICHLOROBENZENE</td> <td>b</td> <td>n</td> <td>n</td> <td>n</td> <td></td>	1,2-DICHLOROBENZENE	b	n	n	n	
IOETHANE (ETHYLEN 11.0 U U U 0.5000 U	1,2-DIBROMO-3-CHLOROPROPA		Ω	n	n	
10.0 U U U 0.5000 U 0.500	504 (NGL)					
T. METHYL ETHER 0.5000 U U U 0.5000 U U 0.5000 U U U 0.5000 U 0	1,2-DIBROMOETHANE (ETHYLEN		n	n	n	9.20 U U
C. METHYL ETHER	8021W (UG/L)					
ROTOLUENE TOLUENE O-1,3,5,7-TETRANITR O-1,3,5-TRINITRO-1,3 SHOTVALIDATID/98MAR01\GROUPA.DB (3334 of 3334 records) 03/05/98 14.05.1 read by cshein selected by the cords of the	TERT-BUTYL METHYL ETHER		2000 U		2000 U	0.5000 U
	8330SC (UG/L)					
	2,4,6-TRINITROTOLUENE					
	2,4-DINITROTOLUENE					
	OCTAHYDRO-1,3,5,7-TETRANITR					
	HEXAHYDRO-1,3,5-TRINITRO-1,3					
2	T:\MMR\SNAPSHOT\VALIDATID\98M	MAROINGROUPA DB (333	4 of 3334 records) 03/03/98 14	1.05.1 read by cshein	Ooden Environment	al and Energy Service
• ** ** ** ** ** ** ** ** ** ** ** ** **	T:\MMR\SNAPSHOT\VALIDATD\98M	1AR01\COC.DB (1979 rec				
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	ASISA	W9515E	W 75151	WCIOAA	WCIOAE
OGDEN ID	W9515A	W9515E	W9515T	WC10XA	WC10XE
Date Sampled	10/17/97	10/17/97	10/17/97	10/7/97	10/7/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE	ANALYTICAL IAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OCZIV (UGA)					
CHLOROMETHANE	1.00 U U	1.00 U	1.00 U U	1.00 U	U U 00.1
VINYL CHLORIDE	1.00 U	1.00 U	U U 00.1	1.00 U	1.00 U
BROMOMETHANE	1.00 U	U 00 00 1	U U 00.1	1.00 U	U U 00.1
CHLOROETHANE	1.00 U U	1.00 U	1.00 U U	1.00 U	U U 00.1
METHYLENE CHLORIDE	2.00 U U	2.00 U U	2.00 U U	2.00 U U	2.00 U U
ACETONE	4.00 J J R.F	0.00	5.00 U U	5.00 U UJ C	5.00 U U
CARBON DISULFIDE	1.00 U U	1.00 U	U 0 0.1	1.00 U	U 0 0 0 1
1,1-DICHLOROETHENE	1.00 U	1.00 U	1.00 U	1.00 U	U U 00.1
1,1-DICHLOROETHANE	1.00 U U	U U 00 U	1.00 U U	1.00 U	1.00 U
CIS-1,2-DICHLOROETHYLENE	1.00 U U	1.00 U U	U 0 0.1	1.00 U	U U 00.1
TRANS-1,2-DICHLOROETHENE	1.00 U U	1.00 U U	U 00 00.1	1.00 U	U U 00.1
CHLOROFORM	2.00	1.00 U	1.00 U U	1.00 U	1.00 U
1,2-DICHLOROETHANE	1.00 U	1.00 U	U U 00.1	1.00 U	1.00 U
METHYL ETHYL KETONE (2-BUT	UT 5.00 U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BROMOCHLOROMETHANE	U 00 U	1.00 U U	1.00 U	1.00 U	1.00 U
1,1,1-TRICHLOROETHANE	1.00 U	1.00 U U	U 0 00.1	1.00 U	1.00 U U
CARBON TETRACHLORIDE	U 00 U	1.00 U U	1.00 U U	U 00 00 1	U U 00.1
BROMODICHLOROMETHANE	1.00 U U	1.00 U	1.00 U U	1.00 U U	1.00 U U
1,2-DICHLOROPROPANE	1.00 U	1.00 U U	1.00 U	1.00 U	1.00 U
CIS-1,3-DICHLOROPROPENE	U 0 0 0 1	1.00 U	U. U 00.1	1.00 U U	1.00 U
TRICHLOROETHYLENE (TCE)	U U 00.1	1.00 U	U U 00 II	1.00 U	1.00 U
DIBROMOCHLOROMETHANE	U 00 I	U 0 0.1	1.00 U	1.00 U	1.00 U
1,1,2-TRICHLOROFIHANE	U 00 0 0 1	1.00 U	U 00 01	1.00 U	1.00 U
BENZENE	1.00 U	1.00 U U	1.00 U	1.00 U	1.00 U
TRANS-1,3-DICHLOROPROPENE	E 1.00 U U	1.00 U	U 0001	U U 00.1	1.00 U
T WMR\SNAPSHOTYAL (DATIN) SMABOLIXIBOLIA 1334	98MAROUGROUPA DIS (337	4 of 3334 records) 03/03/98 14 05 1 read by eshem	05 1 read by eshem		OE
SOS 30 SOS CONTRACTOR OF THE SOS OF S	OSMAAPOTYCOC DR (1979 res	orde) 03/05/08 15:05 2		Ogden Environmental and Energy	al and Energy Service
<pl>Yells able not selected&gt;</pl>					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO We	W9515A	W9515E	W9515T	WC10XA	WC10XE
D	W9515A	W9515E	W9515T	WC10XA	WC10XE
Date Sampled 10/	10/17/97	10/17/97	10/17/97	10/7/97	10/7/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21V (UGL) Continued					
BROMOFORM	1.00 U				
METHYL ISOBUTYL KETONE (4-	5.00 U U				
2-HEXANONE	5.00 U U				
TETRACHLOROETHYLENE(PCE)	1.00 U	0.2000 J	U U 00 II	1.00 U	1.00 U
1,1,2,2-TETRACHLOROETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	U 00 U
1,2-DIBROMOETHANE (ETHYLEN	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U U
TOLUENE	1.00 U	0.2000 J J	1.00 U	1.00 U	1.00
CHLOROBENZENE	1.00 U	1.00 U U	1.00 U	1.00 U	1.00 U U
ETHYLBENZENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U U
STYRENE	1.00 U	1.00 U	1.00 U U	1.00 U	1.00 U
XYLENES, TOTAL	1.00 U	U U OO I	U 00 U	1.00 U	1.00 U
1,3-DICHLOROBENZENE	1.00 U	1.00 U	1.00 U U	1.00 U	1.00 U U
1,4-DICHLOROBENZENE	1.00 U				
1,2-DICHLOROBENZENE	1.00 U	1.00 U	1.00 U U	1.00 U	1.00 U
1,2-DIBROMO-3-CHLOROPROPA	1.00 U	1.00 U	U 0 0.1	1.00 U	1.00 U
504 (NGL)					
1,2-DIBROMOETHANE (ETHYLEN	0.80 U	9.20 U U	9.20 U U	U U 06.6	U U 09.6
8021W (UGA)					
TERT-BUTYL METHYL ETHER	0.5000 U U	0.5000 U	0.5000 U	0.5000 U	0.5000 U U
8330SC (UG/L)					
2,4,6-TRINITROTOLUENE					
2,4-DINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANITR					
HEXAHYDRO-1,3,5-TRINITRO-1,3					
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPA\DI3\3334\of\3334\records\03\03\98\14\05\1\read by cshein	TAROINGROUPA DB (333-	t of 3334 records) 03/03/98 14	.05.1 read by cshein		OE
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05	4AR01/COC.DB (1979 reco	ords) 03/05/98 15:05:2		Ogden Environment	Ogden Environmental and Energy Services
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					Inform

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

MCSTAA   M	EPA NO	WCIIXA	WCIIXE	WCSEXA	WCSEXE	WCSEXI
THECK IAM BEN' GIAL  10/6/97  10/0 U	OGDEN ID	WC11XA	WC11XE	WCSEXA	WCSEXE	WCSEXT
COCKINA         COCKINA <t< th=""><th>Date Sampled</th><th>10/2/97</th><th>10/2/97</th><th>10/6/97</th><th>10/6/97</th><th>10/6/97</th></t<>	Date Sampled	10/2/97	10/2/97	10/6/97	10/6/97	10/6/97
100   10   10   100   10   100   10   100   10   100	Depth					
100   10   100   10   100   10   100   1	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	YTICAL LAB REV	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB
1.00   U	OCZIV (UGA)					
1.00 U U U U 1.00 U U U U 1.00	CHLOROMETHANE		n	n	ח	ח
1.00   U   U   U   U   U   U   U   U   U	VINYL CHLORIDE		n	n	n	Ω
1.00   U   U   D   D   D   D   D   D   D   D	BROMOMETHANE		n	U UI	n	n
2.000 U         U         2.000 U         U         0.3000 U         O	CHLOROETHANE	1.00 U	n		D	n
5 00 U         U         5 00 U         R         R         5 00 U         U         5 00 U         U         1 00 U         U	METHYLENE CHLORIDE		D 00	D 00	D	ſ
1.00   U   U   U   U   U   U   U   U   U	ACETONE	R	D 00	UR	D	ח
1.00   U   U   U   U   U   U   U   U   U	CARBON DISULFIDE	1.00 U	ב		D	ח
1.00   U   U   U   U   U   U   U   U   U	1,1-DICHLOROETHENE	1.00 U		n	ח	n
1.00 U U U 1.00 U U U 1.00	1,1-DICHLOROETHANE	1.00 U U			n	n
1.00 U U U 1.00 U U U 1.00 U 1.	CIS-1,2-DICHLOROETHYLENE	1.00 U		n	D	n
1.00   U   U   U   U   U   U   U   U   U	TRANS-1,2-DICHLOROETHENE	D	ח	n	D	n
1.00   U   U   U   1.00   U   U   U   U   U   U   U   U   U	CHLOROFORM	$\Box$		n	D	n
5.00 U         U         5.00 U         U         5.00 U         U         5.00 U         U         1.00 U         I.00 U         I.00 U         II.00 U         II.00 U         III.00 U         III.00 U         IIII.00 U         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1,2-DICHLOROETHANE	,		n	n	n
1.00 U         U         1.00 U	METHYL ETHYL KETONE (2-BU			n	n	n
1.00 U         U         1.00 U	BROMOCHLOROMETHANE	D		n	D	D
1.00 U         U         1.00 U <td< td=""><td>1,1,1-TRICHLOROETHANE</td><td>D</td><td>Þ</td><td>n</td><td>n</td><td>D</td></td<>	1,1,1-TRICHLOROETHANE	D	Þ	n	n	D
1.00 U         U         1.00 U <td>CARBON TETRACHLORIDE</td> <td>D</td> <td>D</td> <td>n</td> <td>D</td> <td>D</td>	CARBON TETRACHLORIDE	D	D	n	D	D
1.00 U         U         1.00 U <td< td=""><td><b>BROMODICHI, OROMETHANE</b></td><td>D</td><td></td><td>D</td><td>D</td><td>b</td></td<>	<b>BROMODICHI, OROMETHANE</b>	D		D	D	b
1.00 U         U         1.00 U <td< td=""><td>1,2-DICHLOROPROPANE</td><td>n</td><td>ם</td><td>n</td><td>n</td><td>D</td></td<>	1,2-DICHLOROPROPANE	n	ם	n	n	D
1.00   U   U   1.00   U   U   1.00   U   U   1.00   U   U   1.00   U	CIS-1,3-DICHLOROPROPENE			n	n	ח
1.00 U         U         1.00 U <td< td=""><td>TRICHLOROETHYLENE (TCE)</td><td></td><td>1.00 U U</td><td>D</td><td>ח</td><td>n</td></td<>	TRICHLOROETHYLENE (TCE)		1.00 U U	D	ח	n
1.00 U         U         1.00 U         I         1.00 U         I	DIBROMOCHLOROMETHANE		ח		n	n
1.00 U         U         I         1.00 U         U         I         1.00 U         I </td <td>1,1,2-TRICHLOROETHANE</td> <td></td> <td>ם</td> <td></td> <td>n</td> <td>n</td>	1,1,2-TRICHLOROETHANE		ם		n	n
1.00   U	BENZENE		D		n	n
records) 03/03/98 14:05 1 read by cshein Ogden Environmental and Energy	TRANS-1,3-DICHLOROPROPENE	1.00 U	D		U 00.	n
0gden Environmental and Energy	TAMMRASNAPSHOTAVALIDATDA	SMAR01\GROUPA DB (333		.05 Fread by eshein		
7.00.01 07.00	T.\MMB\SNAPSHOTIVALIDA	RMAROTYCOC DR (1979 res			Ogden Environment	Energy
	<prg not="" selected="" table=""></prg>		0.00			

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

WC11XA 10/2/97 ONE (4- NE(PCE) IHANE ITHYLEN					
ampled  d  d  vte  HYL ISOBUTYL KETONE (4- EXANONE  RACHLOROETHYLENE(PCE)  C2-TETRACHLOROETHANE  DIBROMOETHANE (ETHYLEN  UENE  VLBENZENE  YLBENZENE  RENE  RENE  RENE  RENE  RENE  RENE		WCIIXE	WCSEXA	WCSEXE	WCSEXT
d MOFORM HYL ISOBUTYL KETONE (4- SXANONE RACHLOROETHYLENE(PCE) CLENE OROBENZENE RENE RENE RENE RENE RENE RENE REN		10/2/97	10/6/97	10/9/01	10/6/97
e					
ETONE (4-ENE(PCE) ETHANE (ETHYLEN	B REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
UTYL KETONE (4- OETHYLENE(PCE) CHLOROETHANE   STHANE (ETHYLEN LENE NE RAL					
- '7	n	1.00 U	U 0 00.1	1.00 U	1.00 U
HYLENE(PCE) OROETHANE ANE (ETHYLEN ZENE	n	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HYLENE(PCE) OROETHANE ONE (ETHYLEN ZENE	n	5.00 U U	5.00 U U	5.00 U	5.00 U U
DROETHANE NE (ETHYLEN ZENE	n	1.00 U	1.00 U	U 00 U	U U 00.1
NE (ETHYLEN	n	1.00 U	1.00 U	1.00 U	1.00 U
ZENE	D	1.00 U	1.00 U	1.00 U	U 0 0 0 0
ZENE	n	0.2000 J J	1.00 U	0.3000 J J	1.00 U
VZENE	D	U 00 U	1.00 U	1.00 U	U D D OO I
ZENE	n	U 0 00.1	1.00 U	1.00 U	U 00 U
AZENE	Ω	1.00 U	1.00 U	1.00 U	1.00 U
	D	U 0 00.1	1.00 U	1.00 U	1.00 U
	D	1.00 U	1.00 U U	1.00 U	1.00 U
1,4-DICHLOROBENZENE 1.00 U	D	U 00 U	1.00 U	U U O O I	1.00 U
1,2-DICHLOROBENZENE 1.00 U	ם	1.00 U U	1.00 U	1.00 U	1.00 U
1,2-DIBROMO-3-CHLOROPROPA 1.00 U	n	1.00 U	1.00 U	1.00 U	1.00 U
504 (NGL)					
1,2-DIBROMOETHANE (ETHYLEN 9.60 U	n		11.0 U		9.70 U
802IW (UG/L)					
TERT-BUTYL METHYL ETHER 0.5000 U	n		0.5000 U U		0.5000 U
8330SC (UG/L)					
2,4,6-TRINITROTOLUENE					
2,4-DINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANITR					
HEXAHYDRO-1,3,5-TRINITRO-1,3					
T-MMMR\SNAPSHOT\VALIDATD\98MAR01\GROUPA.DB (3334 of 3334 records) 03/03/98 14:05.1 read by cshein		of 3334 records) 03/03/98 14	:05.1 read by eshein		
T:\MMR\SNAPSHOT\VAJ.JDATD\98MAR01\COC.DJ3 (1979 records) 03/05/98 15:05.2	JB (1979 reco	rds) 03/05/98 15:05.2		Ogacii Environineli	Oguen Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

OGDEN ID WC6EXA Date Sampled 10/3/97	XA	WOODE	MCCEVE	WCCEVT	AVOCOL
ampled	2	WCOEAU	WCOEAE	WCOEAI	wc/cxa
46		10/3/97	10/3/97	10/3/97	10/7/97
Jul					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESUL, T QUAL CODE
ΟC21V (ÜĞA)					
CHLOROMETHANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
VINYL CHLORIDE	1.00 U	1.00 U	1.00 U	1.00 U	U 0 0.1
BROMOMETHANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
CHLOROETHANE	1.00 U	1.00 U	U U U	1.00 U	1.00 U
METHYLENE CHLORIDE	2.00 U U	2.00 U U	2.00 U U	2.00 U U	2.00 U U
ACETONE	5.00 U R R	5.00 U R R	5.00 U U	5.00 U U	5.00 U UJ C
CARBON DISULFIDE	1.00 U U	1.00 U	1.00 U	0.4000 J J	1.00 U
,1-DICHLOROETHENE	1.00 U U	1.00 U	1.00 U	1.00 U	U U 00.1
I,I-DICHLOROETHANE	1.00 U	1.00 U	1.00 U U	1.00 U	U 0 00.1
CIS-1,2-DICHLOROETHYLENE	1.00 U	1.00 U	1.00 U U	1.00 U U	U 0 0 0.1
TRANS-1,2-DICHLOROETHENE	1.00 U	1.00 U	U 00 U	1.00 U U	U 0 0.1
CHLOROFORM	1.00 U	1.00 U	1.00 U	1.00 U	0.4000 J J F
1,2-DICHLOROETHANE	1.00 U	1.00 U	1.00 U	1.00 U	U 0 00.1
METHYL ETHYL KETONE (2-BUT	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BROMOCHLOROMETHANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-TRICHLOROETHANE	1.00 U	1.00 U	U D D O I	1.00 U	1.00 U
CARBON TETRACHLORIDE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
BROMODICHLOROMETHANE	1.00 U	1.00 U	U U 00.1	1.00 U	1.00 U U
1,2-DICHLOROPROPANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
CIS-1,3-DICHLOROPROPENE	1.00 U U	1.00 U	1.00 U	1.00 U	U 0 00.1
TRICHLOROETHYLENE (TCE)	1.00 U	1.00 U	1.00 U	1.00 U U	1.00 U
DIBROMOCHLOROMETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	U 00 U
1,1,2-TRICHLOROETHANE	1.00 U	1.00 U	1.00 U	1.00 U U	U 0 00.1
BENZENE	1.00 U	1.00 U	1.00 U U	1.00 U U	U U 00.1
TRANS-1,3-DICHLOROPROPENE	1.00 U U	1.00 U	U U 00.1	1.00 U U	U 00 U
T:\MMR\SNAPSHOTVALIDATD\98MAR01\GROUPA.DB (3334 of 3334	OLYGROUPA.DIB (3334	d of 3334 records) 03/03/98 14	05.1 read by cshein	Ooden Environmental and	and Energy Services
T:\MMR\SNAPSHOT\VALIDATI\98MAR01\COC.DB (1979 records) 03\0	11/COC.DB (1979 reco	ords) 03/05/98 15:05.2		Ogucii Ellivii Olimoii	51016

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

	EPA NO WC	WC6EXA	WCGEXD	WC6EXE	WCGEAI	WC/CXA
103.97   1		C6EXA	WC6EXD	WCGEXE	WC6EXT	WC7CXA
Classical Continued		1/3/97	10/3/97	10/3/97	10/3/97	10/7/97
CCL) Continued	Depth					
TOD Continued	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	QUAL QUAL	LAB REV QUAL QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESILT QUAL QUAL CODE
ONONE  100 U U D 500 U U U 500 U U U 500 U U U 1.00 U U U U U 1.00 U U U U 1.00 U U U U 1.00 U	OC21V (UG/L) Continued					
INCORPOTYL KETONE (4   5.00   U   U   5.00   U   U   5.00   U   U   CONNE	BROMOFORM		U UJ	1.00 U	ח	
VONE         \$ 00 U         U	METHYL ISOBUTYL KETONE (4-				n	
HLOROGETHYLENE(PCE) 100 U 100	2-HEXANONE				D	
ETRACHLOROETHANE  1.00   U  0.00  0.	TETRACHLOROETHYLENE(PCE)		$\Box$	n	n	
OMOETHANE (ETHYLEN 1.00 U U U 1.00 U U 1.00 U U U 1.00	1,1,2,2-TETRACHLOROETHANE		$\supset$		n	
EWENZENE   1.00   U   U   U   U   U   U   U   U   U   U	1,2-DIBROMOETHANE (ETHYLEN	1.00 U		n	D	
BENZENE   1.00   U   U   U   U   U   U   U   U   U   U	TOLUENE		ח	D	b	1.00 U
ENZENE 1.00 U U 1.00 U 1.00 U U 1.00 U 1	CHLOROBENZENE				D	U 0 0 0 1
E.  1.00 U U U 1.00 U 1.00 U	ETHYLBENZENE		ח		$\supset$	1.00 U U
CALDACE   1.00   U   U   U   U   U   U   U   U   U   U	STYRENE				ם	
LOROBENZENE         1.00 U U	XYLENES, TOTAL		n	D	ח	
LOROBENZENE  LOROBENZENE  LORO U  U  U  LOROBENZENE  LOO U  U  U  LOO U  U  LOO U  U  LOO U  U  LOO U  U  U  DAMO-3-CHLOROPROPA  LOO U  U  DAMO-3-CHLOROPROPA  LOO U  U  DAMO-3-CHLOROPROPA  LOO U  U  DAMO-1.00 U	1,3-DICHLOROBENZENE		ב		$\Box$	
1.00   U	1,4-DICHLOROBENZENE		$\Box$		b	
OMO-3-CHLOROPROPA 1.00 U U 1.00 U U 1.00 U U 1.00 U U 1.00 U U 1.00	1,2-DICHLOROBENZENE			_	n	
OMOETHANE (ETHYLEN 9.80 U U 0.5000 U 0	1,2-DIBROMO-3-CHI,OROPROPA		Ω	D	Þ	
DETHANE (ETHYLEN 9.80 U U 0.5000 U 0.5	504 (NGA)					
METHYL ETHER	1,2-DIBROMOETHANE (ETHYLEN	08.6 O	Ω	D	n	U U 08.6
CONTINUE	8021W (UG/L)					
ROTOLUENE TOLUENE TOLUENE O-1,3,5,7-TETRANITR O-1,3,5-TRINITRO-1,3 SHOTIVALIDATD\98MAR01\GROUPA.DB (1979 records) 03/05/98 14:05.1 read by cshein SHOTIVALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	TERT-BUTYL METHYL ETHER					0.5000 U
/03/98 14.05.1 read by cshein	8330SC (UG/L)					
/03/98 14:05.1 read by cshein	2,4,6-TRINITROTOLUENE					-
/03/98 14:05.1 read by eshein	2,4-DINITROTOLUENE					
/0.3/98 14:05.1 read by cshein	OCTAHYDRO-1,3,5,7-TETRANITR HEXAHYDRO-1,3,5-TRINITRO-1,3					
/03/98 14:05.1 read by cshein 2						
703/98 14:05.1 read by eshein 2	TAN A MICHIEF DOILD WITH THE WAY					
•	T-VMMR/SNAPSHOT/VALIDATD/98N	AAROINGROUPA.DB (333 AAROINGOCDB (1979 <del>19</del> 6	4 of 3334 records) 03/03/98 14	:05.1 read by cshein	Ogden Environment	al and Energy Service
•	CPRG table not selected>		2.00.01 02/02/07 03:0			
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

EPA NO	WC7CXE	WC7EXA	WC7EXE	WC9EXA	WC9EXE
OGDEN ID	WC7CXE	WC7EXA	WC7EXE	WC9EXA	WC9EXE
Date Sampled	10/6/97	10/8/97	10/8/97	10/2/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21V (UGL)					
CHLOROMETHANE	1.00 U	1.00 U	1.00 U	1.00 U	0.3000 J J
VINYL CHLORIDE	1.00 U	U U 00.1	U.00 U	1.00 U	U 0 0 1
BROMOMETHANE	1.00 U	1.00 U UJ C	1.00 U	1.00 U	U 0 0.1
CHLOROETHANE	1.00 U	1.00 U U	1.00 U	1.00 U	1.00 U
METHYLENE CHLORIDE	2.00 U U	2.00 U U	2.00 U U	2.00 U U	2.00 U U
ACETONE	5.00 U U	5.00 U U	5.00 U U	5.00 U R R	5.00 U U
CARBON DISULFIDE	1.00 U	1.00 U	1.00 U	1.00 U	U 0 0 1
1,1-DICHLOROETHENE	1.00 U	1.00 U	U 00 U	1.00 U	1.00 U U
1,1-DICHLOROETHANE	1.00 U	1.00 U	U U U O I	1.00 U	1.00 U
CIS-1,2-DICHLOROETHYLENE	1.00 U	1.00 U U	1.00 U	1.00 U	1.00 U
TRANS-1,2-DICHLOROETHENE	1.00 U	U U 00.1	1.00 U	1.00 U	U 0 0 0 1
CHLOROFORM	1.00 U	0.3000 J J F	U D D D	1.00 U U	1.00 U
1,2-DICHLOROETHANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U U
METHYL ETHYL KETONE (2-BUT	T 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BROMOCHLOROMETHANE	1.00 U	1.00 U U	1.00 U	1.00 U U	1.00 U
1,1,1-TRICHLOROETHANE	1.00 U	1.00 U	1.00 U	1.00 U U	U U 00.1
CARBON TETRACHLORIDE	1.00 U	1.00 U U	1.00 U	1.00 U	1.00 U
BROMODICHLOROMETHANE	1.00 U	U U 00.1	1.00 U	1.00 U U	1.00 U
1,2-DICHLOROPROPANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
CIS-1,3-DICHLOROPROPENE	1.00 U	1.00 U U	1.00 U	1.00 U	1.00 U
TRICHLOROETHYLENE (TCE)	1.00 U	1.00 U U	1.00 U	1.00 U U	1.00 U
DIBROMOCHLOROMETHANE	1.00 U U	1.00 U U	0.4000 J J	U U 00.1	U 0 0 0.1
1,1,2-TRICHLOROETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	U 00 U
BENZENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
TRANS-1,3-DICHLOROPROPENE	U 00 U 00 1	U D 00.1	1.00 U	U U 00.1	1.00 U
SOURCE A CHI LA VI TOTTOTTO A LINE A TITOLOGICA	ON A A DOLLO COLOR DA A				
T:WMR\SNAPSHOTVVALIDATD\98MAR01\GROUPA.DB (3334 of 3334	8MAROI\GROUPA.DB (333		:05 1 read by cshein	Ogden Environmental and Energy	al and Energy Servicer
T:\MMR\SNAPSHOT\VAI.IDATD\98MAR\01\COC.DI3 (1979 records) 03/05/98 15:05	8MAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2			
<prg not="" selected="" table=""></prg>					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WC7CXE	WC7EXA	WC7EXE	WC9EXA	WC9EXE
OGDEN ID WG	WC7CXE	WC7EXA	WC7EXE	WC9EXA	WC9EXE
Date Sampled 10/	10/6/97	10/8/97	10/8/97	10/2/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT OUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULF QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21V (UGA) Continued					
BROMOFORM	1.00 U	1.00 U U	U 0 0 0	U 00 00 1	U U 00.1
METHYL ISOBUTYL KETONE (4-	5.00 U U	5.00 U U	5.00 U U	S.00 U	S.00 U U
2-HEXANONE	5.00 U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
TETRACHLOROETHYLENE(PCE)	1.00 U	U U 00.1	1.00 U U	1.00 U	0.2000 J J
1,1,2,2-TETRACHLOROETHANE	1.00 U U	U U 00 II	1.00 U	U 00.1	U U 00.1
1,2-DIBROMOETHANE (ETHYLEN	1.00 U	U 00 U	U U 00 II	U 0 0.1	1.00 U
TOLUENE	0.8000 J	1.00 U	0.2000 J	1.00 U	U 00 01
CHLOROBENZENE	1.00 U	U U U	U 00 U	U 00 U	1.00 U
ETHYLBENZENE	1.00 U	1.00 U	U U 00.1	U U 00 II	U 0 0 0 1
STYRENE	1.00 U	1.00 U U	1.00 U U	U U 00.1	U U 00.1
XYLENES, TOTAL	1.00 U	U U 00.1	1.00 U U	U 00 01	1.00 U
1,3-DICHLOROBENZENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,4-DICHLOROBENZENE	1.00 U	U U OO II	U 00 II	U 00 U	U U 00.1
1,2-DICHLOROBENZENE	1.00 U	1.00 U U	1.00 U	1.00 U U	1.00 U
1,2-DIBROMO-3-CHI,OROPROPA	1.00 U	1.00 U	U 00 U	1.00 U	1.00 U
504 (NG/L)					
1,2-DIBROMOETHANE (ETHYLEN	0 n 08.6	10.0 U U		U U 00.6	U U 07.6
8021W (UGA.)					
TERT-BUTYL METHYL ETHER	0.5000 U	0.5000 U U		0.5000 U UJ *4	0.5000 U U
8330SC (UG/L)					
2,4,6-TRINITROTOLUENE					
2,4-DINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANITR					
HEXAHYDRO-1,3,5-TRINITRO-1,3					
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPA.DB (3334 of 333	AAROINGROUPA.DB (333	4 of 3334 records) 03/03/98 14 05.1 read by cshein	05.1 read by cshein	Ooden Environmental and Energy	tal and Energy Services
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03	AAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2			
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP A: Water Data for Methods 504, 8021W, 8330SC and OC21V

WC 10/2		the same and the s		A STATE OF THE PERSON NAMED IN COLUMN 2 IN	
npled 10/7 (UG/L)	(T	WL26XA	WL26XD	WL26XE	WL26XT
e (VG/L)		10/20/97	10/20/97	10/20/97	10/20/97
e (UG/L)					
)C21V (UGA)	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
CHLOROMETHANE	1.00 U U	1.00 U	1.00 U	1.00 U U	1.00 U U
VINYL CHLORIDE	1.00 U U	U U 00.1	U 0 0.1	1.00 U	1.00 U
BROMOMETHANE	1.00 U	U U 00.1	U 0 00.1	1.00 U	U 00 01
CHLOROETHANE	1.00 U	1.00 U U	1.00 U	1.00 U U	1.00 U U
METHYLENE CHLORIDE	2.00 U U	2.00 U U	2.00 U U	2.00 U U	2.00 U U
ACETONE	5.00 U U	5.00 U R R	5.00 U R R	00.9	5.00 U U
CARBON DISULFIDE	1.00 U U	U U U OO I	1.00 U	U U OO I	1.00 U U
1,1-DICHLOROETHENE	1.00 U U	U 0 0 0 1	1.00 U	U 00 U	1.00 U U
1,1-DICHLOROETHANE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U U
CIS-1,2-DICHI,OROETHYI,ENE	1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U U
TRANS-1,2-DICHLOROETHENE	1.00 U U	1.00 U	1.00 U	1.00 U U	1.00 U U
CHLOROFORM	1.00 U	0.9000 J	0.9000 J	1.00 U	1.00 U U
1,2-DICHLOROETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U U
METHYL ETHYL KETONE (2-BUT	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BROMOCHLOROMETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,1-TRICHLOROETHANE	1.00 U U	U U 00.1	1.00 U	1.00 U	1.00 U
CARBON TETRACHLORIDE	1.00 U U	1.00 U U	1.00 U	1.00 U	1.00 U U
BROMODICHLOROMETHANE	1.00 U U	U 0 0 0 1	1.00 U	1.00 U	1.00 U
1,2-DICHLOROPROPANE	1.00 U U	1.00 U U	1.00 U U	1.00 U	1.00 U
CIS-1,3-DICHLOROPROPENE	1.00 U U	1.00 U	1.00 U U	1.00 U	1.00 U
TRICHLOROETHYLENE (TCE)	1.00 U	1.00 U	1.00 U U	1.00 U U	1.00 U U
DIBROMOCHLOROMETHANE	1.00 U	1.00 U	1.00 U	1.00 U U	1.00 U U
1,1,2-TRICHLOROETHANE	1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U
BENZENE	1.00 U	1.00 U U	1.00 U	1.00 U	1.00 U U
TRANS-1,3-DICHLOROPROPENE	1.00 U	1.00 U	U 0 00.1	1.00 U	U 0001
T.VMMR\SNAPSHOTTVALIDATIN98MABOTIGROUPA DI3 (3334 of 3334	INGROUPA DR (333	4 of 3334 records) 03/03/08 14:05 1 read by eshein	OS 1 read by eshein		
T-VMMR\SNAPSHOTIVALIDATIN\08MAR01\COC DR 41979 recorde\03\03\0	INCOC DR (1979 res			Ogden Environmental and	tal and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

	WOUNT	WL.26XA	WI.26XIJ	WLZOAF	WL26XI
OGDEN ID W	WC9EXT	WI.26XA	WL26XD	WL26XE	WL.26XT
Date Sampled 10	10/2/97	10/20/97	10/20/97	10/20/97	10/20/97
Depth	1				
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL ILAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21V (UG/L) Continued					
BROMOFORM	1.00 U	U U 00 I	1.00 U	U 0 00.1	1.00 U
METHYL ISOBUTYL KETONE (4-	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-HEXANONE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
TETRACHLOROETHYLENE(PCE)	1.00 U	U D D 00.1	U U 00.1	1.00 U	1.00 U
1,1,2,2-TETRACHLOROETHANE	1.00 U	U 0 0 0 1	U U 00.1	U 00 U	U U 00.1
1,2-DIBROMOETHANE (ETHYLEN	1.00 U	U 00 01	U 00 U	1.00 U U	U U 00.1
TOLUISNE	1.00 U	1 00 U	U U 00.1	1.00 U	U U 00.1
CILOROBENZENE	1.00 U	1.00 U	U U 00 II	U 00 U	U U 00.1
ETHYLBENZENE	1.00 U	1 00 U	U 00 U	U U 00 II	1.00 U
STYRENE	1.00 U U	1.00 U U	1.00 U U	U 00 II	1.00 U
XYLENES, TOTAL	1.00 U	1.00 U	U U 00.1	U 00 U	U 0 00.1
1,3-DICHLOROBENZENE	1.00 U	1.00 U U	1.00 U U	U 00 U	1.00 U
1,4-DICHLOROBENZENE	U 0 00.1	1 00 U	1.00 U U	U 00 U	U U 00.1
1,2-DICHLOROBENZENE	1.00 U	1.00 U U	U 00 U	1.00 U U	1.00 U
1,2-DIBROMO-3-CHI,OROPROPA	1.00 U	U D D OO I	U U 00 II	1.00 U	1.00 U
504 (NG/L)					
1,2-DIBROMOETHANE (ETHYLEN	9.50 U U	9.70 U	U U 07 6	9.20 U U	U U 08.6
8021W (UGAL)					
TERT-BUTYL METHYL ETHER	0.5000 U	0.5000 U U	0.5000 U U	0.5000 U	0.5000 U
8330SC (UG/L)					
2,4,6-TRINITROTOLUENE					
2,4-DINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANITR					
HEXAHYDRO-1,3,5-TRINITRO-1,3					
T-MMRISNAPSHOTIVALIDATIN98MARQHKROHPA DB 3334 of 3334 records 03/03/03 14 05 1 read by eshein	AAROINGROUPA DIR G333	1 of 3334 records) 03/03/98 12	105 1 read by cshein		
T.\MMR\SNAPSHOT\VALIDATD\98MAR\01\COC\DB (1979\records) 03/05/98 15-05	AAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2		Ogden Environment	al and Energy Service
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WL31XA	6	6	è	
OGDEN ID	WL31XA				} } }
Date Sampled	10/21/97				**************************************
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21V (UG/L)					
CHLOROMETHANE	1.00 U				
VINYL CHLORIDE	1.00 U				
BROMOMETHANE	1.00 U				
CHLOROETHANE	1.00 U				
METHYLENE CHLORIDE	2.00 U U				
ACETONE	5.00 U R R				
CARBON DISULFIDE	1.00 U				
1,1-DICHLOROETHENE	1.00 U				
1,1-DICHLOROETHANE	1.00 U				
CIS-1,2-DICHLOROETHYLENE	1.00 U				
TRANS-1,2-DICHLOROETHENE	1.00 U				
CHLOROFORM	0.4000 J J				
1,2-DICHLOROETHANE	1.00 U U				
METHYL ETHYL KETONE (2-BUT	T 5.00 U U				
BROMOCHLOROMETHANE	1.00 U				
1,1,1-TRICHLOROETHANE	1.00 U				
CARBON TETRACHLORIDE	1.00 U U				
BROMODICHLOROMETHANE	1.00 U				
1,2-DICHLOROPROPANE	1.00 U				
CIS-1,3-DICHLOROPROPENE	1.00 U				
TRICHLOROETHYLENE (TCE)	U U 00.1				
DIBROMOCHLOROMETHANE	1.00 U				
1,1,2-TRICHLOROETHANE	1.00 U				
BENZENE	1.00 U				
TRANS-1,3-DICHLOROPROPENE	U U 00.1				

T.MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPA.DB (3334 of 3334 records) 03/03/98 14:05.1 read by cshein

T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Ogden Environmental and Energy Serviceso

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OGDEN ID         WL31XA           Date Sampled         10/21/97           Depth         Aethod           Analyte         Analyte           OC21V (UGA) Continued         RESULT	XA				5
ampled 10%  d  Ate  (UG/L) Continued					
d Ate /(UG/L) Continued	197				
e (UGA.) Continued					
OC21V (UG/L) Continued	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL. RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
DDONAGEODNA					
DROMOLORINI	1.00 U				
METHYL ISOBUTYL KETONE (4-	5.00 U U				
2-III:XANONE	5.00 U U				
TETRACHLOROETHYLENE(PCE)	1.00 U				
1,1,2,2-TETRACHI,OROETHANE	1.00 U				
1,2-DIBROMOETHANE (ETHYLEN	1.00 U				
TOLUENE	1.00 U				
CHLOROBENZENE	1.00 U				
ETHYLBENZENE	1.00 U				
STYRENE	1.00 U U				
XYLENES, TOTAL	1.00 U				
1,3-DICHLOROBENZENE	1.00 U U				
1,4-DICHLOROBENZENE	1.00 U				
1,2-DICHLOROBENZENE	1.00 U				
1,2-DIBROMO-3-CHLOROPROPA	1.00 U				
504 (NGA.)					
1,2-DIBROMOETHANE (ETHYLEN	U U 06.6				
8021W (UGAL)					
TERT-BUTYL METHYL ETHER	0.5000 U				
8330SC (UG/L)					
2,4,6-TRINITROTOLUENE					
2,4-DINITROTOLUENE					
OCTAHYDRO-1,3,5,7-TETRANITR					
HEXAHYDRO-1,3,5-TRINITRO-1,3					
T.MMRISNAPSHOTYVALIDATID/98MAR01/GROUPA DB (3334 of 3334 records) 03/03/98 14 05 1 read by cshein	201\GROUPA DB (3334	of 3334 records) 03/03/98 14 05	I read by eshein		
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T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2





Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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Color   Colo
Column
TOTAL ORTHOPH
TOTAL ORTHOPH   102   1   Q   3.20   1   P   0.04300   1   P   0.04800   1   P   P   0.04800   1   P   P   0.04800   1   P   P   0.04800
TUTAL ORTHOPH 102 J R 68.8 J R 69.7 J R 97.4 J R 93.5 J GOLOO U UJ Q 0.5700 UJ UJ Q 0.5700 UJ UJ Q 0.5700 UJ UJ Q 0.5700 UJ UJ UJ UJ Q 0.5700 UJ
National Color   Nati
State   Fig.   102   1   R   68.8   1   R   69.7   1   R   97.4   1   R   93.5   1
15. TOTAL ORTHOPH 102   J   R   68.8   J   R   69.7   J   R   97.4   J   R   97.4   J   R   93.5   J    3.890   0.5200   U   U   0.5500   U   U   U   U   U   U   U   U   U
3,890   1,10
3.899
3,890
INUIM
4ONY         0.5200         U         U         0.5600         U         D         0.4700         U         D         0.4700         U         D         0.4700         U         D         0.4700         U         D         0.400         D         D         0.000         D         D         D         0.000         D         D         D         D         0.000         D
NUC         1.10         J         R         2.20         J         B         2.20         J         B         2.20         J         B         2.20         J         B         2.20         B         J         B         D
NAME         7.70 B         7.20 B         7.20 B         1.20 B         8.20 B         9.10 B         9.10 B         9.10 B         9.230 B         1.1 B         9.240 B         1.1 B         9.240 B         1.1 B         9.240 B         1.1 B         9.240 B         1.1 B         9.250 B         1.1 B
LLIUM 0.2300 B UJ B 0.2200 B UJ B 0.2400 UJ UJ B 0.
IUM         2.2.0 B         8.1.1 B         1.39 B         1.16 B         1.16 B         1.21 B           UM         2.2.0 B         8.1.1 B         1.39 B         7.00         1.16 B         1.21 B           MIUM, TOTAL         5.60 B         2.00 B         7.10 B         7.20 B         7.20 B         7.20 B           LT         2.20 B         4.30 B         7.80 B         7.80 B         7.80 B         7.60 B           RESUM         4.00 B         7.80 B         7.80 B         7.60 B         7.60 B         7.60 B           ANNESE         6.23 B         7.80 B         7.60 B         7.60 B         7.60 B         7.60 B           ESIUM         7.33 B         7.80 B         8.22 B         7.60 B         7.60 B         7.60 B           1         3.30 B         7.80 B         7.00 B         7.00 B         7.00 B         7.60 B         7.60 B           1         3.30 B         3.60 B         4.00 B         4.10 B         4.30 B         4.80 B         4.80 B         4.80 B         4.80 B         8.82 B         4.80 B
UMA         72.0 B         81.1 B         139 B         116 B         116 B         121 B           MIUM, TOTAL         5.60 B         5.00 B         7.10 B         7.20 B
MIUM, TOTAL         5.60         S.00         R.10         T.10         T.20         R.120         R.120         R.120         R.120         R.120         R.120         R.120         R.10
LT 2.20 B
RESTURE         3.00 B         4.30 B         9.80         11.9         4.50           4.00 C         4.00 B         5.40 C         7.800 C         7.640 C         7.640 C         7.640 C           ESIUM         73 B         73 B         73 B         940 B         882 C         940 B         940 B <t< td=""></t<>
S,710         6,230         7,800         8,220         7,640           ESIUM         4,00         4,40         5,40         7,800         4,50           FANESE         53.6         58.7         59.4         61.9           ANESE         58.7         59.4         61.9           J.         33.30         35.6         4.00         8           SSIUM         0.7200         U         U         0.7500         U         U         0.6400         U         U         0.6400         U         U         0.6400         U         U         0.6400         U         U         0.6900         U         U         0         0.6900         U         U         0         0         0         0         0         0         0         0
ESIUM         4.00         4.40         5.40         7.00         4.50           ESIUM         733 B         738 B         940 B         882         910           ANESE         58.7         58.7         59.4         61.9           L         3.30 B         3.60 B         4.00 B         4.10 B         4.30 B           SSIUM         373 B         358 B         491 B         430 B         468 B           IUM         0.7200 U         U         0.6500 U         U         0         0.6500 U         U         0.6500 U         U         0         0         0         0         0         0         0         0         0
A       733 B       738 B       940 B       882       910         E       63.5       58.7       59.4       61.9         B       3.30 B       4.00 B       4.10 B       4.30 B         373 B       358 B       491 B       430 B       468 B         0.7200 U       U       0.7500 U       U       0.0500 U       U       0.6900 U
E 63.5
3.30 B       3.60 B       4.00 B       4.10 B       4.30 B         373 B       358 B       491 B       430 B       468 B         0.7200 U       U       0.7500 U       U       0.06400 U       U       0.6900 U
0.7200 U U 0.7500 U U 0.7500 U U 0.6400 U U 0.6400 U

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

ID   B04AA   B04CAA	EPA NO	B04AAA	B04BAA	B04CAA	B04DAA	B04EAA
MGKG  Continued	OGDEN ID	B04AAA	B04BAA	B04CAA	B04DAA	B04EAA
Amaigned	Date Sampled	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
6  GAGNO Continued  1.10 U U  1.10 U  1.10 U	Depth					
a.2200 B         J         *10         0.2100 U         U         0.2100 U         U           77.3 U         U         1.10 U         U         1.20 U         U           9.20         U         10.0 U         1.20 U         U           10.1 J         *2         11.0 U         U         1.20 U         U           0.0500 U         U         0.0500 U         U         0.0500 U         U           0.0500 U         U         0.0500 U         U         0.0500 U         U           0.0500 U         U         0.0500 U         U         0.0500 U         U           0.0500 U         U         0.0500 U         U         U         0.0500 U         U           0.0500 U         U         0.0500 U         U         U         0.0500 U         U         U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL ILAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
### 0.2100   U   0.2100   U   0.2100   U   U   0.200   U   U   0.0500   U   U   U   0.0500   U   U   U   0.0500   U   U   U   0.0500   U   U   U   U   U   U   U   U   U	IM40 (MG/KG) Continued					
US, TOTAL ORTHOPH  PSHOTIVALIDATID98MAR01\COC.DB (1979 records) 03/05/98 14.25.0 read by cshein	SILVER	7				
### 1.10 U U U 1.10 U U 1.20 U U 1.33  #### 1.10 U U U 1.10 U U 1.20 U U 1.33  ##################################	SODIUM					
### 9,20	THALLIUM					n
### 10.0500 U U 0.0500 U U 0.0500 U U 0.0500 U U 0.0500 U U U 0.0500 U U U U 0.0500 U U U 0.0500 U U U 0.0500 U U U 0.0500 U 0.0500 U U	VANADIUM	9.20	10.7	13.3	14.5	12.3
U.S., TOTAL ORTHOPH  U.S., TOTAL ORTHOPH  PSHOTIVALIDATIN98MAR01VGROUPB.DB (1674 records) 03/03/98 14 25.0 read by cshein and standard of the cords) 03/03/98 15.05.2	ZINC	ſ	7	14.0	16.0	12.2
US, TOTAL ORTHOPH  US, TOTAL ORTHOPH  PSHOTIVALIDATIN98MAR01VGROUPB DB (1674 records) 03/03/98 14.25.0 read by eshein  USSHOTIVALIDATIN98MAR01VCOC.DB (1979 records) 03/05/98 15.05.2	IM40HG (MG/KG)					
PSHOTVALIDATID98MAR01\GROUPB JDB (1674 of 1674 records) 03/05/98 14.25.0 read by cshein appropriate to the state of the st	MERCURY					
3/98 14:25.0 read by cshein						
13/98 14:25.0 read by cshein						
	T:\MMR\SNAPSHOT\VALID	ATD/98MAR01/GROUPB.DB (167a	4 of 1674 records) 03/03/98 14	25.0 read by cshein	Ogden Environment	al and Energy Service
	I MMRISNAPSHOTIVALID	ATID/98MAR01/COC.DB (1979 red	ords) 03/05/98 15:05.2			
	<prg not="" solacted="" table=""></prg>					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

MAMONIA (AS N)   S.802 D.C.A   S.02D D.A	M ID  ampled  I (0/2)  I (MG/KG)  I (MG/KG)  I (MG/KG)	4FAA 21/97			S02DCA	and the second and	SOZDDA		SC	DZDEA		COUPEA		
Total Control Contro	ampled  4  4  10/2  10/2  1 (MG/KG)  10/2  1 (MG/KG)	21/97				1			1/1			N 171706		
Total Continue   Tota	d de				10/8/01		10/8/97		1	76/8/0		10/9/97		
Color   Colo	e (MG/KG) DGEN, AMMONIA (AS N) (MG/KG)													
TOTAL ORTHOPH   93.7   J   R   86.0	350.2M (MG/KG) NITROGEN, AMMONIA (AS N) 353.2M (MG/KG)	ANALYTICAL LAB RESULT QUAL	REV	QUAL	ANALYTICAL LAB REY REVENT QUAL QUA	V QUAL AL CODE	ANALYTICAL LAE RESULT QUA	REV QUA	NL SE	ANALYTICAL LAB	REV QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AB REV	T COI
THE (AS N)   S.80   J   Q   2.90   2.40   2.30   U   U   U   Q   Q   Q   Q   Q   Q   Q	NITROGEN, AMMONIA (AS N) 353.2M (MG/KG)													
TTE (AS N) 0.0100 U U U G.0200	353.2M (MG/KG)	5.80	5	ō	2.90		2.40			2.30 U	n	7.20	7	*2
S. TOTAL ORTHOPH 93.7   J   R   86.0   0.0200   U   U   Q   0.5200   U   Q   0.5200   U   U   Q   0.5200   U   Q   0.5200   U   Q   0.5200   U   U   Q   0.5200   U   Q   0.5200   U   U   Q   0.5200   U   Q   Q   Q   Q   Q   Q   Q   Q   Q														
S. TOTAL ORTHOPH   93.7   J   R   86.0   189   189   164   164   160	NITRATE/NITRITE (AS N)	0.0100 U	n		0.0200		0.0300			0.0400		0.0900		
15, TOTAL ORTHOPH 93.7 J R 86.0   189   189   164   164   169   164   16	365.2 (MG/KG)													
15,200   U U   Q	PHOSPHORUS, TOTAL ORTHOPH	93.7	ſ	R	86.0		189			164		135		
15,200   U   Q   0.5200   U   U   R   0.5400   U   U   R   0.5200   U   U   U   U   0.5200   U   U   U   U   U   U   U   U   U	CYAN (MG/KG)													
15,200	CYANIDE	0.6000 U		0			0.5400 U	n		0.5200 U	n	0.0100	U CI	工
INUM	IM40 (MG/KG)													
HONY         6.8400 B         J         *10         0.4800 U         UJ         B         0.4300 B         J         *10         B         J         *10 <t< td=""><td>ALUMINUM</td><td>15,200</td><td></td><td></td><td>3,150</td><td></td><td>2,550</td><td></td><td></td><td>3,400</td><td></td><td>9,820</td><td></td><td></td></t<>	ALUMINUM	15,200			3,150		2,550			3,400		9,820		
March   Marc	ANTIMONY	0.8400 B	5	01*			0.4500 U			0.4800 U		U 00100	U U	
Mathematical Process	ARSENIC	4.60			I.60 B		0.4300 B	I* L	0	0.5100 B	01* f	1.90 B	~	
LIUM  0.2800 B UJ B 0.1300 B  UM  153 B  255 B  MIUM, TOTAL  20.6  15.200  15.	BARIUM	30.0 B			7.70 B		10.5 B			11.9 B		14.1 B	~	
IUM         0.7200 B         0.0700 U         U         0.0600 U         U         0.0600 U         U         0.0700 U         U         U           UM         153 B         255 B         681 B         660 B         3.40 B         3.40 B         3.40 B         3.40 B         3.40 B         3.40 B         3.50 B         4.50 B	BERYLLIUM	0.2800 B		В	0.1300 B		0.1400 B			0.1600 B		0.6500 B	~	
UM IS3 B 255 B 681 B 600 B  4.70 I 7.50 I 8  LT 2.00 B 4.10 B 7.50 I 8  6,030 I 7,590 I 8  HSIUM I 1,250 I 8  1,390 I 8  1,300 I 8  1,400 I 8	CADMIUM	0.7200 B					0.0600 U	n		U 00700	n	0.1300 U	J U	
MIUM, TOTAL 20.6 J A 5.30 J A 6.70 J A  LT 3.10 B 2.00 B 2.00 B 7.50 B 1.90 B 1.90 B  ER 2.00 B 7.50 C.60 B 1.90 B 1.390 B 1.3	CALCIUM	153 B			255 B		8 I B			8 009		840 B	~	
ET 3.10 B 2.00 B 2.60 B 1.90 B 6.60  R 20.0	CHROMIUM, TOTAL	20.6			4.70 J	7	5.30	JA		6.70	7 4	16.6	7	マ
ESULM 20.0 4.10 B 7.50 6.60 11,390 1.390	COBALT	3.10 B			2.00 B		2.60 B			1.90 B		5.90 B	~	
16,200 5,430 6,030 7,590 I 20.5 3.30 4.50 4.20 1,250 684 B 1,480 1,390	COPPER	20.0			4.10 B		7.50			09.9		17.0		
ESIUM 1,250 684 B 1,480 1,390	IRON	16,200			5,430		6,030			7,590		15,700		
1,250 684 B 1,480 1,390	LEAD	20.5			3.30		4.50			4.20		8.50		
	MAGNESIUM	1,250			684 B		1,480			1,390		4,260		
73.4 139	MANGANESE	73.4			64.8		144			139		142		
NICKEL 10.8 3.50 B J A 4.60 B J A 3.30 B J A 16.4	NICKEL	10.8				7	4.60 B			3.30 B	J	16.4	7	K
POTASSIUM 626 B 269 B 721 B 697 B 826	POTASSIUM	626 B			269 B		721 B			8 269		826 B	~	
SELENTUM 0.8200 U U 0.6600 U U 0.6600 U U 0.6600 U U 1.30	SELENIUM	0.8200 U	n				0.6300 U	n		U 0099.0	n	1.30 U	U (	

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

OCDEN ID	DO4FAA	SUZINCA	MM1200	V:171700	002121 A
JUDEIN ID	B04FAA	S02DCA	S02DDA	SOZDEA	S02DFA
Date Sampled	10/21/97	10/8/97	10/8/97	76/8/01	10/6/01
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (MG/KG) Continued					
SILVER					
SODIUM					
THALLIUM	1.20 U U	U U 0066.0	0.9400 U U	1.00 U	U 000.1
VANADIUM	23.0	7.70 B	6.60 B	7.20 B	20.8
ZINC	43.6	92.5 J A	19.1 J A	18.4 J A	50.3 J A
IM40HG (MG/KG)	11 1100300	111 11100300	D 005000	111	111 00000
365.2 (MG/L) PHOSPHORUS, TOTAL ORTHOPH					
I.\MMR\SNAPSHOT\VAL.I	T:MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPB.DB (1674 of 1674 records) 03/03/98 14:25 0 read by cshein	4 of 1674 records) 03/03/98 14	25 0 read by cshein	Ogden Environment	tal and Energy Service
I:\MMR\SNAPSHOT\VAL.I	T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	ords) 03/05/98 15:05.2			Techr
<prg not="" selected="" table=""></prg>					(
Ü					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OGDEN ID         S02DGA         S02DHA           Date Sampled         10/9/97         10/9/97           Depth         Analyte         Analyte         Analyte           Analyte         Analyte         Analyte         Analyte         Analyte           350.2M (MG/KG)         JA 2         5.10         J         *2           350.2M (MG/KG)         JA 2         5.10         J         *2           353.2M (MG/KG)         AMMONIA (AS N)         4.60         J         *2         5.10         J         *2           353.2M (MG/KG)         AMMONIA (AS N)         4.60         J         *2         5.10         J         *2           ALUMINUM         ALUMINUM         75.6         J         *10         0.5700 U         U         U         0.5600 U         U         U         0.5600 U         U         0.5600 U         U         U         0.5600 U         U </th <th>SOZDJA  10/9/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  3.90  J *2</th> <th>SOZDJA</th> <th>S02DKA</th>	SOZDJA  10/9/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  3.90  J *2	SOZDJA	S02DKA
10/9/97	3.90	10,000	
AMALYTICAL LAB REV QUAL CODE  AMALYTICAL LAB REV QUAL CODE  AMONIA (AS N)  4.60  J *2  5.10  J  10.500  U U  0.500  U U  0.500  U U  0.600  0 U  0 U  0.600  0 U  0 U  0 U  0 U  0 U  0 U  0 U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL CODE  3.90  J *2	10/9/97	10/6/01
AMONIA (AS N)  4.60  JTE (AS N)  0.5000 U U  0.5000 U U  0.5200 U U  0.6500 B  1.540  0.6500 U U  0.65	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL CODE 3.90 J *2		
AMONIA (AS N)  4.60  J. *2  5.10  J. 5000  J. 5000  J. 5000  J. 540  J	5	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
JTE (AS N)  0.0500  0.5000  U  0.5000  U  0.5200  U  0.5200  U  0.5200  U  0.5200  U  0.5400  U  0.5600  U  0.5600  U  0.5600  U  0.5700  U  0.		4.30	3 20 1 *2
IRITE (AS N)  0.0500 U  0.5000 U  0.5200 B	0.0300	•	•
13, TOTAL ORTHOPH 75.6  10, 5000 U U U 0.5700 U U  10, 540  10, 5200 U U 0.4600 U U  10, 3 B	9	0.0300	0.0200
2,920 0.5200 U U 0.4600 U U 0.5200 U U 0.4600 U U 0.6500 B J *10 0.6500 B J 10.3 B 8 8.90 B 0.0700 U U 0.0600 U U 869 B 253 B 10.5 J A 3.60 J 5.60 B 3.50 B	80.1	79.4	294
2,920 U U U 0.5700 U U 0.5700 U U 0.5200 U U 0.5200 U U 0.4600 U U 0.4600 U U 0.4600 U U 0.1600 B 0.1600 B 0.1600 B 0.0700 U U 0.0600 U U 0.560 B 0.1600 B 0.1600 B 0.1600 B 0.1600 B 0.1600 U 0.5500 U U 0.6600 U			
2,920 0.5200 U U 0.8600 B J *10 0.4600 U U 10.3 B 5.90 B 0.0700 U U 869 B 253 B 10.5 J A 3.60 J 5.60 B 1.90 B 5.60 B 3.50 B 6,830 C 6000 U U 6,830 C 6000 U U 6,830 C 6000 U U 10.5 J A 3.60 B	0.5500 U	U 0.5700 U	0.5400 U
IDNUM         2,920         I,540         I,540         U           AONY         0.5200         U         U         0.4600         U         U           NIC         0.8600         B         J         *10         0.6500         U         U           NM         0.0700         U         U         0.0600         U         U           IUM         869         B         253         B           MIUM, TOTAL         10.5         J         A         3.60         J           LT         2.60         B         3.50         B           SR         5.83         4,050         C			
AONY         0.5200 U         U         0.4600 U         U           NIC         0.8600 B         J         *10         0.6500 B         J           JM         10.3 B         5.90 B         J         *100 B         J           LLIUM         0.0700 U         U         0.0600 U         U           RUM         869 B         J         A         3.60 B         J           LT         2.60 B         3.50 B         J         H.190 B         J           SR         5.60         A         4.650         J	1,310	2,620	2,000
NIC 0.8600 B J *10 0.6500 B J DM S.90 B LLIUM 0.0700 U U D D.0600 U U D D.0600 U U D D.0600 U U D D.0600 U D D	0.5000 U	0.5300 U U	0.4800 U UJ B
JM       10.3 B       5.90 B         LLIUM       0.1600 B       0.1100 B         IIUM       0.0700 U       U       253 B         IUM       10.5 D       J       J       J         MIUM, TOTAL       10.5 D       J       J       J       J         LT       2.60 B       3.50 B       J       J       J         SR       6.830       4,050       J       J       J	0.8000 B J *10	1.70 B	1.00 B
LLIUM 0.1600 B  IIUM 869 B  LLM 10.5  IUM 869 B  253 B  MIUM, TOTAL 10.5  LT  2.60 B  3.50 B  4,050	4.80 B	9.60 B	16.1 B
HUM         0.0700 U         U         0.06600 U         U           RUM         869 B         J         A         253 B         J           MIUM, TOTAL         10.5 B         J         A         3.60 B         J           LT         5.60 B         3.50 B         A,050 B	0.0900 B	0.1400 B	0.1600 B
MUM, TOTAL 10.5 J A 3.60 J  LT 2.60 B 3.50 B 3.50 B  S.60 6,830 4,050	0.0700 U	U 0.0700 U	0.0700 U
MIUM, TOTAL 10.5 J A 3.60 J  LT 2.60 B 1.90 B 3.50 B 3.50 B 6,830 4,050	186 B	534 B	2,560
ET 2.60 B 5.60 6,830	3.20 J A	12.0 J A	10.2 J A
5.60 6,830	1.20 B	2.50 B	6.50 B
6,830	3.80 B	09.9	11.6
	3,420	7,370	12,400
LEAD 2.20	2.10	2.80	3.00
MAGNESIUM 1,480 733 B	S67 B	1,400	3,860
MANGANESE 140 62.4	52.6	87.8	133
NICKEL 4.70 B J A 3.10 B J A	2.30 B J A	4.70 B J A	12.0 J A
POTASSIUM 825 B 344 B	386 B	S79 B	638 B
SELENIUM 0.7200 U U 0.6300 U U	U 0069:0	0.7300 U U	U 00000 U
T:\MMR\SNAPSHOT\VALIDAT\D\98MAR01\GROUPB.DB (1674 of 1674 records) 03/03/98 14:25 0 read by cshein	5.0 read by cshein		
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05 2		Ogden Environmental and Energy Services	al and Energy Servi

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

1.10 U U U B S.90 B J A A J.00 U U B B J.00 U U B B J.00 U U J.00						j
109977   109997   109997   109997   109997   109997   109997   109997   109997   10999997   10	OGDENID	S02DGA	SOZDHA	S02DIA	S02DJA	
Amaly   Amal	Date Sampled	10/6/61	10/9/97	10/9/97	10/6/01	
O 2000   U   O 1700   U   O 1900   O 1900   U   O 1900   O 19	Depth					
0.2000 U U 0.1700 U U 0.1900 U U 744 U U 779.0 U U 0.2000 U U 0.2000 U U 744 U U 744 U U 79.0 U U U 0.9500 U U U 1.00 U U 0.9500 U U U B 3.00 B J A 7.30 B J A 7.30 B J A 12.9	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT OUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	
0.2000 U U 0.1700 U U 0.1900 U U 0.2000 U U 0.200	IM40 (MG/KG) Continued					
78.0 U U U 0.0550 U U 1.00 U U 1.10 U U U 1.10 U U U I I I I I I I I I I I I I I I I	SILVER					
## 5.90 B	SODIUM					
### ### ### ### ######################	THALLIUM					
US, TOTAL ORTHOPH  20.0 J A 7.50 J A 12.9 J  0.0400 U UJ B 0.0400 U UJ B 0.0500 U UJ B 0.0500 U UJ B 0.0400 U UJ  US, TOTAL ORTHOPH	VANADIUM	5.90 B	4.30 B	3.40 B	8.00 B	
US, TOTAL ORTHOPH  US, TOTAL ORT	ZINC	7	ſ	7	r	
US, TOTAL ORTHOPH  US, TOTAL ORT	IM40HG (MG/KG)					
PHOSPHORUS, TOTAL ORTHOPH	MERCURY		D	5	5	
PHOSPHORUS, TOTAL ORTHOPII	365.2 (MGL)					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

OGDEN ID S02DLA		COUNTY (A	Transfer	SOUTON	
		SULDIMA	SUZDNA	POCEDOA	S08DCA
Date Sampled		10/9/97	10/16/97	10/16/97	10/1/97
Depth					
Method Analyte RESULT O	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
350.2M (MG/KG)					
NITROGEN, AMMONIA (AS N) 3.40		2.40 U U	2.50 U UJ *2	2.40 U UJ *2	2.50 U UJ *2
353.2M (MG/KG)					
NITRATE/NITRITE (AS N) 0.0500	J F	0.0300 J F	0.0400	0.0600	U U 00100
365.2 (MG/KG)					
PHOSPHORUS, TOTAL ORTHOPH 69.7	JR	102 J R	73.8 J R	48.3 J R	1115
CYAN (MG/KG)					
CYANIDE 0.5300 U	n n	0.5000 U	U 0.5700 U	0.6000 U	0.6200 U U
IM40 (MG/KG)					
ALUMINUM 1,720		2,570	710	783	1,620
ANTIMONY 0.5000 U	U U	0.5600 U	0.5100 U	0.5800 B J *10	0
ARSENIC 0.8800 B	В	1.40 B	0.8600 B J *10	1.20 B	I.10 B
BARIUM 7.00 B	В	11.18	4.20 B	3.70 B	6.60 B
BERYLLUM 0.1100 B	В	0.1300 B	0.0900 B	0.1000 B	0.1600 B UJ B
CADMIUM 0.0700 U	U U	0.0800 U	U 0.0700 U	U 0.0700	U 00800
CALCIUM 191 B	В	439 B	74.2 B	81.5 B	84.1 B
CHROMIUM, TOTAL 6.00		6.70	3.40	4.80	3.20
COBALT 1.30 B	В	I.90 B	0.7200 B	0.7700 B	1.50 B
COPPER 3.10 B	В	4.40 B	1.30 B J F	1.30 B J F	3.00 B J F
RON 4,660		5,480	2,740	3,140	3,080
LEAD 2.60		3.20	2.30	2.20	1.70 J *2
MAGNESIUM 643 B	В	1,200	183 B	160 B	621 B
MANGANESE 49.4		73.5	17.7	15.4	73.5
NICKEL 2.60 B	В	3.70 B	1.10 B	1.10 B	2.70 B J B
POTASSIUM 379 B	В	581 B	189 B	220 B	386 B
SELENIUM 0.6900 U	U UJ *2	0.7700 U UJ *2	0.7000 U UJ *2	0.7200 U UJ *2	U U 007700

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM

1009997   1009997   1001007   10010097   1	N ID S02 ampled 10/4 d Ad AG/KG) Continued ER	DLA				The same and the s
100/997   100/	ampled  d  Are  MG/KG) Continued  ER		SOZDMA	SOZDNA	S02DOA	S08DCA
AMALYTICAL   LAB   REV   QUAL   AMALYTICAL   LAB   REV   QUAL   CODE	d Ate MG/KG) Continued ER	76/6	10/9/97	10/16/97	10/16/97	10/1/97
Comparison   Com	e 4G/KG) Continued 3R					
### O.1900 U U	M40 (MG/KG) Continued SIL VER	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL IAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL IAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
0.1900 U U 0.2100 U U 0.1900 U U 0.1900 U U 0.1900 U U 0.2100 U U 0.2100 U U 0.256 U U U 75.4 U U 0.250 U U U 0.230 B	SILVER					
74.6 U U 82.6 U U 75.4 U U 75.4 U U 1.00 U U U 0.0500 U U U U 0.0400 U U U U 0.0500	CODITINA				0.2000 U	0.2100 U
1.00 U U 1.10 U U 1.20 U U 4.20 B 4.20 B 6.10 U 0 0.0500 U U 0 0.0500 U U U 0 0.0500 U U 0 0.0500 U U 0 0.0500 U U U 0 0.0500 U 0 0.0500 U U 0 0.0500 U 0 0.05	SOLDIOIVI			D	U U 0777	82.9 U U
9.20 B 6.10 B 6.30 B 6.10 B 6.	THALLIUM				1.10 U U	1.20 U U
9.20 1 U 0.0500 U U 0.0400 U U 0.0500 U U U 0.0500 U U	VANADIUM	5.10 B	6.30 B	4.20 B	5.30 B	4.00 B
OTAL ORTHOPH  TOTAL O	ZINC	9.20	16.2	6.10	4.40	9.20
US, TOTAL ORTHOPH  US, TOTAL ORTHOPH	M40HG (MG/KG)					
PHOSPHORUS, TOTAL ORTHOPH	MERCURY 65.2 MGA)				0.0500 U	0.0400 U UJ B
	PHOSPHORUS, TOTAL ORTHOPH					
		_				
	THE PRICE AS A STANDARD OF THE PARTY OF THE					
3/98 14:25.0 read by cshein	MIMICSONALIDATIONS	AROTAGROUPB.DB (1674	4 of 16/4 records) 03/03/98 14	::25.0 read by eshein	Ogden Environment	al and Energy Serv
ALIDATD/98MAR01/COC.DB (1979 records) 03/05/98 15:05.2	::MMK\SNAPSHOI\VAL.II)AID\98M;	AR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2		echni	
<prg not="" selected="" table=""></prg>	PRG table not selected>			1		+

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

N ID         SOBDDA         SOBDDA         SOBDBA         SOBDBA         SOBDBA         SOBDBA         SOBDBA         SOBDBA         SOBDBA         ANALYTICAL LAB REV QUAL CODE         IO/1/97         ANALYTICAL LAB REV QUAL CODE         ANALYTICAL CODE <th>2.44 U UJ *2  81.0  0.5700 U U  1,310  0.10 B J B</th> <th>\$08DFA  10/1/97  ANALYTICAL LAB REV RESULT QUAL QUA  2.49 U UJ  57.0  6.5300 U U  1,180  1,180</th> <th>REV QUAL CODE QUAL CODE UJ *2</th> <th>S08DGA  10/1/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL</th> <th>S08DHA 10/2/97</th> <th></th> <th></th>	2.44 U UJ *2  81.0  0.5700 U U  1,310  0.10 B J B	\$08DFA  10/1/97  ANALYTICAL LAB REV RESULT QUAL QUA  2.49 U UJ  57.0  6.5300 U U  1,180  1,180	REV QUAL CODE QUAL CODE UJ *2	S08DGA  10/1/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	S08DHA 10/2/97		
## ANALYTICAL LAB REV QUAL RESULT ## ANALYTICAL CODE ## CODEN, AMMONIA (AS N) ## CATENITRITE (AS	U U U U U B	2.49 U 55.00 U 1.180 U 55000 U 55000 U	N QUAL.	SULT 2.48	10/2/97		
G) AMMONIA (AS N) 2.46 U UJ TRITE (AS N) 0.0100 U U 0.5800 U 0.5800 U 0.0800 U 0.080	U U U U U B	U U	JAL CODE	ANALYTICAL LAB REV QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL			
GO AMMONIA (AS N) 2.46 U UJ *2 GO AMMONIA (AS N) 0.0100 U UJ *2 GO IRITE (AS N) 0.5800 U U 0.5800 U U 0.5800 B J B 0.0900 B J B 0.0800 U U 0.08	U UU UU UU UU BB J	n n	JAL CODE	ANALYTICAL LAB REV Q RESULT QUAL QUAL C 2.48 U UJ **			
G) AMMONIA (AS N) 2.46 U UJ *2 G) IRITE (AS N) 0.0100 U U 44.0 9 0.5800 U U 0.5600 U U 0.5600 U U 0.0800 B J B 0.0800 U U	ñ n n			fi		ANALYTICAL LAB RE RESULT QUAL QU	REV QUAL QUAL CODE
AMMONIA (AS N)  2.46 U  U  TRITE (AS N)  0.0100 U  U  44.0  15, TOTAL ORTHOPH  44.0  0.5800 U  0.5800 U  0.5800 B  3.00 B  3.00 B  3.00 B  0.0800 U  0.0800	5 D D 5			m			
G) IRITE (AS N)  0.0100 U  0.5800 U  0.5800 U  0.5600 U  0.9800 B  3.00 B  3.00 B  0.0800 U  0.0800 U  0.8000 B  3.00 B	D D 5				*2	2.61 U L	UJ  *2
IRITE (AS N)  0.0100 U U  44.0  9.5800 U U  0.5800 U U  0.9800 B  3.00 B  3.00 B  0.0800 U U  82.0 B  3.00 B	D D 5						
1S, TOTAL ORTHOPH  44.0  0.5800 U U  898  0.5800 U U  0.5800 U U  3.00 B	ם ם			0.0300	0.	0.0100	
JS, TOTAL ORTHOPH  44.0  0.5800 U U  0.5600 U U  0.9800 B  3.00 B  3.00 B  0.0900 U  3.00 B	ם ם						
898 0.5600 U U U 0.9800 B J B 3.00 B J B 0.0900 B J B 0.0800 U U U 3.00 B J B 0.0800 U U U	D D 5			87.0		47.0	
898 0.5600 U U U 0.9800 B J B 0.0800 U U 3.00 B 0.0800 U U 87.0 B	D D 5						
898 0.5600 U U 0.5800 B J B 3.00 B J B 0.0800 U U B 87.0 B J B 0.0	D <b>'</b>			U 0.5700 U	0	0.5200 U	UJ H
M 898	D <b>'</b>						
7 0.5600 U U 0 0.3900 B J B 0.3900 B J B 0.0900 B J B 0.0900 U U 0 0.0800 U U U 0 0.0900 B J B 0.0900 D U U D 0.0900 D U D 0.0900				1,240		1,230	
a.9800 B     J     B       3.00 B     J     B       a.0900 B     J     B     a.       0.0800 U     U     0.0	7			0.4900 U U	0	0.5100 U	
3.00 B 0.0900 B 0.0800 U 87.0 B		1.20 B J	B	1.30 B J B		I.90	B
M 0.0900 B J B 0.0800 U U B 87.0 B	7.50 B	5.20 B		4.60 B		4.80 B	
0.0800 U U 87.0 B	0.1100 B J B	0.0500 B J	B	0.1000 B J B		0.0700 B	B
87.0 B	D 00800C	U 0.0700 U		U 0.0700 U	0	0.0700 U	_
	182 B	157 B		201 B		104 B	
CHROMIUM, TOTAL $I.90B$ 3.1	3.10	2.60		4.10		4.00	
COBALT 0.7700 B 1.4	1.40 B	1.30 B		1.20 B	0.	0.7500 B	
COPPER 1.70 B 3.9	3.90 B	2.40 B		4.40		2.50 B	
RON 2,770 3,570	870	3,090		4,960		3,270	
LEAD 1.70 4.8	4.80	1.80		3.50		2.20	
MAGNESIUM 297 B 38	382 B	381 B		S67B		362 B	
MANGANESE 32.9 85.	85.7	103		1115		22.1	
NICKEL 1.10 B J B 1.5	1.50 B J B	2.10 B		1.60 B J B		1.20 B J	B
POTASSIUM 162 B UJ B 26	260 B UJ B	282 B UJ	11 B	287 B UJ B		310B U	UJ B
SELENIUM 0.7700 U 0.750	7500 U U	U 0069.0		U 0089.0	0.	0.7100 U	
T.WMRISNAPSHOTIVALIDATD98MAR01VGR01TPB D13 (1674 of 1674 records) 03/03/98 14:25 0 read by cshein	cords) 03/03/98 14-3	25 0 read by cshein					_
A TOTAL PROPERTY OF THE PROPER	colus) verez (51.14.1	23.0 read by concili		Ogden Environmental and Energy Services	ental and	Energy S	erv

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

Colored Date Sampled   101/97   101/9		
101/97   1		DGA S08DHA
AMALYTICAL   LAB   REV   COLAL   CODE		10/2/97
7) Continued  1)	,	
7) Continued  1.20 U U  81.3 U U  1.20 U U  1.20 U U  1.10 U U  1.00 U		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE
0.2100 U U 0.2100 U U 0.2100 U U 0.1900 U U U 0.1900 U U U U 0.1900 U U U U U U 0.1900 U U U U U U U U U U U U U U U U U U		
## 82.7 U U 81.3 U U 74.2 U U  ## 4.00 B  ## 5.00 B  ##	n	U U 001900 U U U 0.1900 U
US, TOTAL ORTHOP!!	D	73.3 U U 76.3 U U
4.00 B 5.00 B 7.70 B 7.	n	U.00 U U U U U
US, TOTAL ORTHOP!I		5.60 B 5.00 B
US, TOTAL ORTHOPII		14.0
US, TOTAL ORTHOPH		
PHOSPHORUS, TOTAL ORTHOPII	UJ B	0.0400 U U B 0.0500 U U B

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

Decision	NEW DIGNET   SORDIA	10/2/97   10/2	97	S08DLA	S08DMA
### Process of the control of the co	1002/97   1002	### ANALYTICAL   LAB   REV   QUAL   CODE    ### ANALYTICAL   LAB   REV   QUAL   CODE    ### RESULT   QUAL   CODE	76		
Color   Colo	## COCRET.   Continued by the structure of the structure	## ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL CODE (CGEN, AMMONIA (AS N)) 2.44 U UJ *2 2.47 U UJ *2 (AGGEN, AMMONIA (AS N)) 2.44 U UJ *2 (AGGEN, AMMONIA (AS N)) 4.0300 U UJ H 0.5200 UJ UJ H 0.5200 U		10/2/97	10/2/97
Column   C	2.47 U UJ *2 2.48 REV QUAL SULT QUAL QUAL CODE RESULT QUAL QUAL CODE 3.40.0  40.0  40.0  40.0  40.0  40.0  40.0  40.0  40.0  53.0  60.0100  60.0100  75.0  7	G)  AMMONIA (AS N)  2.44 U UJ *2  C)  AMMONIA (AS N)  0.0300  0.5500 U UJ H  0.5500 U UJ H  0.5400 U U  0.5500 U UJ H  1.20 B  3.60 B  0.0700 U U  0.0700 U U  86.7 B  1.50 B  1.50 B  2.40 B  2.40 B  2.40 B  2.40 B  3.60 B  1.50 B  1.50 B  2.40 B  3.60 B  1.50 B			
OAMMONIA (AS N)         244 U U U *2         247 U U U *2         247 U U U *2         243 U U U *2         238 U U V *2         244 U U U V *2         266 U U U V V V V V V V V V V V V V V V V	2.47 U UJ *2 2.38 U UJ *2 40.0 40.0 40.0 40.0 40.0 40.0 40.0 40.	GO AMMONIA (AS N)  2.44 U UJ *2  C.47 U UJ  GO CO CO U UJ H  0.5500 U UJ H  0.5500 U UJ H  0.5300 U U  0.5400 U  0.5500 U U  0	REV	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QU RESULT QUAL QUAL CO
AMMONIA (AS N) 2.44 U UJ *2 2.47 U UJ *2 2.38 U UJ *2 2.44 U UJ *2 2.47 U UJ *2 2.4	2.47 U UJ *2 2.38 U UJ *2 40.0 40.0 40.0 40.0 40.0 40.0 40.0 40.	AMMONIA (AS N)  2.44 U UJ *2  CG)  TRITE (AS N)  0.5500 U UJ H  0.5300 U U  1.20 B  1.50 B  1.70  1.70  1.70  1.70  1.40			
State   Action   Ac	40.00       0.0100         40.0       53.0         5200       U       UJ       H       0.5600       U       UJ       H         898       884       S84       J       B       B       J       B       B       J       B       B       J       B	GG TRITE (AS N)  0.0300  1S, TOTAL ORTHOPH  0.5500 U  11 H  0.5500 U  120 B  120 B  174 B  150 B  1.200  1.200  2.100  1.200  2.100  1.200  2.100  1.200  2.100  2.100  1.200  2.140  2.140	u u	n	n
RTITE (ASN)	40.0       0.0100         40.0       53.0         898       884         8.5400       U       U       U         1.20       B       J       B       B         1.20       B       J       B       B       J       B         1.0400       B       J       B       J       B         1.0400       B       J       B       J       B         1.0700       U	TRITE (AS N)  0.0300  1S, TOTAL ORTHOPH  0.5500  10  10  10  10  10  10  10  10  10			
Standament   Sta	40.0       53.0         898       884         85400 U U       1.90 B         1.20 B       1.90 B         3.70 B       2.70 B         3.70 B       2.70 B         3.70 B       3.70 B         3.70 B       3.70 B         3.70 B       3.70 B         3.70 B       3.70 B         3.70 B       3.30         3.600 B       1.40 B         2.60 B       1.40 B         2.60 B       1.40 B         2.60 B       1.50         1.40 B       1.50         1.70 B       1.50         1.70 B       1.85 B         2.24 B       U B         2.25 B       1.50 B         1.70 B       1.85 B         1.70 B       1.85 B         1.70 B       1.85 B         1.75 B       1.75 D         1.75 D       1.75 D	JS, TOTAL ORTHOPH  68.0  0.5500 U  0.5300 U  0.5300 U  0.65300 U  0.65300 U  0.65400 U  1.20 B  3.70 B  3.70 B  1.70 B  1.50 B  2.100  1.70  1.70	0.0100	0.0200	
15, TOTALORHIOPH	40.0       40.0       53.0       11         898       884       11       11         898       884       11       11         85400       10       11       11       11         1.20       11       12       12       13       14       14       15         1.20       12       13       14       15	JS, TOTAL ORTHOPH  68.0  0.5500 U  UJ H  0.5200 U  UJ  1.20 B  1.20 B  1.20 B  2.40 B  2.40 B  1.20 B  1.20 B  1.20 B  1.20 B  1.40			
918	898 884 884 8.5400 U U U 0.5900 U U U III 8.2400 U U 0.5900 U U III 8.2400 U U 0.6900 B J B 86.7 B 2.30 86.7 B 2.50 86.7 B 1.40 B 1.40 B 7.690 B 1.85 B 1.27 8.6800 B 1.80 B 1.85 B 7.690 III 7.0 B J B 0.8600 B J B 7.20 U U 0.8000 U U 8.6800 B 1.40 B 7.500 U U 0.8000 B J B 7.500 U U 0.8000 U U 8.6900 B 1.85 B 7.500 U U 0.8000 U U 8.6900 B 1 B 7.500 U U 0.8100 U U	918 0.5300 U UJ H 0.5200 U UJ 0.5300 U U 0.5400 U U 3.60 B J B,*10 0.5400 U U 3.60 B J B,*10 0.0400 B J 174 B 86.7 B 1.00 B 2.690 1.70 1.40	53.0	59.0	32.0
10   10   10   10   10   10   10   10	888 884 1.20 B J B 1.90 B J B 3.70 B J B 1.90 B J B 3.70 B J B 1.90 B J B 3.70 B J B,*10 0.0800 U U 86.7 B 2.80 86.7 B 2.40 B 1.40 B 1.40 B 1.85 B 1.70 B J B 0.8600 B J B 1.27 1.70 B J B 0.8600 B J B 224 B UJ B 0.8100 U U 8.600 B J B 1.27 1.70 B J B 0.8600 B J B 224 B UJ B 0.8100 U U 8.600 B J B 225 B J B 0.8600 B J B 225 B J B 0.8600 B J B 226 B J B 0.8600 B J B 227 B J B 0.8600 B J B 228 B J B 0.8600 B J B 228 B J B 0.8600 B J B 229 B J B 0.8600 B J B 220 B J B 0.8600 B J B 2	918 0.5300 U U H H 0.5200 U UU 3.60 B J B,*10			
1	898  1.20 B J B 1.90 B J B  1.00 B J B,*10 0.0800 U U  86.7 B 2.50 B  2.600 B 2.30  2.60 B 3.440  1.40 B 1.50  1.70 B J B 0.8600 B J B  2.24 B UJ B 0.8100 U U  1.70 B J B 0.8100 U U  2.50 C 0.8100 U U  3.440  3.440  3.440  3.440  3.440  3.440  3.440  3.40 B  3.440  3.400  3.440  3.	918 0.5300 U U 0.8300 B J B,*10 0.5400 U 3.60 B 3.60 B 0.0700 U U 174 B 1.50 B 2.100 1.70 1.70	M	U	m
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	898  3.5400 U U 0.5900 U U  1.20 B J B,*10 0.6000 B J B  2.0400 B J B,*10 0.0800 U U  86.7 B 50.1 B  2.50  2.40 B 1.80  3.440  1.50  2.50 U U 0.8000 U U  3.50 U B  3.50 U B  3.50 U U B  3.50 U U U	DENORM   918   898   8			
	3.700 U U U 2.700 B J B 3.700 B J B 3.700 B J B 3.700 B J B 3.700 U U 8.710 0.0800 U U 8.7500 U U 8.7500 B J B 3.440 B 3.440 B 3.440 B 3.2500 B J B 3.2500 U U 8.5500 B J B 3.2500 U U 8.5500 B J B 3.2500 U U 8.5500 U U 8.5500 U U 9.5500 U 9.5	40NY  40NY  6.8300 U  7.200 B  7.200 B  7.200 B  7.200 U	884	792	868
	1.20 B J B 1.90 B J B 3.70 B 2.70 B J B 6.0400 B J B,*10 0.0800 U U 86.7 B 50.1 B 50.1 B 7.6800 B 7.80 B 7.80 B 7.690	MA 3.60 B 3.60 B 5.00 B 5.00 C C C C C C C C C C C C C C C C C C			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3.70 B 3.70 B 9.0400 B 1.0400 B 1.0500 U 1.0500 U 2.50 2.50 2.40 B 2.40 B 2.690 1.40 B 1.40 B 1.50 2.50 2.50 2.60 B 1.50 2.60 B 1.60 B 2.60 B 2.0	3.60 B 3.70 B 3.70 B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ſ	7	7
LLIUM  O.0700 U  VM  IIA  O.0700	30,400     B     J     B,*10     0.0600     B     J     B       30,700     U     U     0.0800     U     U     U       40,000     B     2.30     C     C     C     C       30,000     B     C     C     C     C     C     C       30,000     B     B     C	LLIUM 0.0300 B J B,*10 0.0400 B J UM 174 B 86.7 B UM 174 B 86.7 B 2.00 LT LT 0.6600 B 0.6800 B 2.400 I.70 I.70 I.70 I.40	2.70 B	2.40 B	3.50 B
	86.7 B       0.08000 U U         2.50       50.1 B         2.6800 B       0.6500 B         2.40 B       1.40 B         2,690       3,440         1.40 B       1.50         2.86 B       12.7         1.70 B       J B       0.8600 B         224 B       UJ B       0.8100 U         0.7500 U       U       0.8100 U	HUM  UM  174 B  2.00  LT  LT  0.6600 B  2.40 B  2.40 B  2.40 B  2.40 B  1.70  1.70	7	ſ	ſ
UM         174 B         86.7 B         86.7 B         90.1 B         50.1 B         40.1 B         40.1 B         40.1 B         60.6 B         3.00 B	86.7 B	UM  IT4 B  MIUM, TOTAL  2.00  LT  1.50 B  2,100  1.70  1.70			
MIUUM, TOTAL $2.000$ B $1$ $0.6600$ B $1$ $0.6800$ B $1$ $0.6800$ B $1.80$ $0.8800$ B $1.80$	2.50 2.40 B 2.690 1.40 B 2.690 2.690 1.40 B 2.86 B 2.86 B 2.30 1.50 1.50 1.50 1.50 1.70 B 2.40 B 2.86 B 2.3.40 1.50 1.50 1.50 1.50 1.50 1.50 1.70 B 2.40 1.70 B 2.40 B 2.80 B 2.80 B 2.80 B 2.7 1.70 B 2.80 B	MIUM, TOTAL 2.00  LT 0.6600 B 0.  I.50 B 2,100  I.70	S0.1 B	40.1 B	62.6 B
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2.40 B     0.6500 B       2.690     1.40 B       1.40 B     3,440       1.50     1.50       23.8 B     12.7       1.70 B     1 B     0.8600 B     1 B       224 B     UJ     B     260 B     UJ     B       1.7500 U     U     0.8100 U     U     B	ET 0.6600 B 0.  1.50 B 2,100  1.70	2.30	2.90	3.00
	2,690 1.40 8 1.40 1.50 286 8 23.8 1.70 8 10 10 10 10 10 10 10 10 10 10 10 10 10	3R 1.50 B 2,100 L.70 L.70	0.6500 B	0.6900 B	0.5800 B
ESUM 2.100 1.70 1.70 1.70 1.70 1.70 1.70 1.70	2,690  1.40  286 B  23.8  1.70 B  1 B  224 B  1 B  208100 U  1 Cond S) 03/03/03/98 14.75 0 read by cybrain	2,100 2, 1.70 2,	1.40 B	1.20 B	1.40 B
ESUM 283 B 1 286 B 1 185 B 1	1.40     1.50       286 B     185 B       23.8     12.7       1.70 B     J     B       224 B     UJ     B     260 B     UJ     B       1.7500 U     U     0.8100 U     U     B	1.70	3,440	2,700	2,640
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	23.8     185 B       1.70 B     J     B     0.8600 B     J     B       224 B     UJ     B     260 B     UJ     B       .7500 U     U     0.8100 U     U	2002	1.50	1.30	1.40
	23.8         12.7         1.70 B         J         B         0.8600 B         J         B           224 B         UJ         B         260 B         UJ         B           .7500 U         U         0.8100 U         U         U	9 607	185 B	173 B	274 B
a.9600 B $J$ B $I.70$ B $J$ B $a.8600$ B $J$ B $a.7400$ B $J$ B $I.10$ B $J$ $205$ B $UJ$ B $224$ B $UJ$ B $220$ B $UJ$ B $222$ B $UJ$ B $247$ B $UJ$ B $0.7300$ U $U$ $0.7500$ U $U$ $0.8100$ U $U$ $0.6900$ U $U$ $0.7800$ U $U$	1.70 B         J         B         0.8600 B         J         B           224 B         UJ         B         260 B         UJ         B           0.7500 U         U         0.8100 U         U         IV           records) 0.3/0.3/98 14.75 0 read by celecin	17.4	12.7	12.4	16.1
205 B UJ B 222 B UJ B 222 B UJ B 260 B UJ B 222 B UJ B 247 B UJ B	224 B UJ B 260 B UJ B 0.7500 U U 0.8100 U U	0.9600B J B 1.70B J	ſ	7	7
0.7300 U U 0.7500 U U 0.8100 U U 0.6900 U U 0.7800 U	0.7500 U U 0.8100 U U U U O.8100 U U U I I I I I I I I I I I I I I I I	205 B UJ B 224 B UJ	UJ	M	m
	records) 03/03/08 14-25 () read hv. oshoin	0.7300 U U 0.7500 U			

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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EPA NO	S08DIA	S08DJA	S08DKA	S08DLA	S08DMA
OGDEN ID	VICI80S	S08DJA	S08DKA	A.ICI808	S08DMA
Date Sampled	10/2/97	10/2/97	10/2/97	10/2/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (MG/KG) Continued					
SILVER	0.2000 U			0.1900 U	0.2100 U U
SODIUM	78.3 U U	0 U 0.08	87.4 U U	74.8 U U	83.8 U U
THALLIUM	U.10 U U	1.10 U U	1.20 U U	U 00 01	1.20 U U
VANADIUM	3.70 B	4.30 B	6.20 B	5.00 B	4.20 B
ZINC	4.60	5.30	4.70	4.10	5.50
IM40HG (MG/KG) MERCURY	0.0500 U UJ B	0.0500 U UJ B	0.0500 U B	0.0500 U UJ B	0.0400 U UJ B
365.2 (MGL) PHOSPHORUS, TOTAL ORTHOPH	Наон				
MMRISNAPSHOTIVALIDA	1:WMK\SNAPSHOT\VALJDATD\98MAR\01\\GROUP\B.D\8\\1674\old{1674\old{1674\text{ records}}\03/03/98\14\25\0\read\text{ read by eshein}	4 of 1674 records) 03/03/98 14	25 0 read by eshein	Ogden Environment	tal and Energy Servi
CDDG taklo not selected	1: WININK SNATSHOTAY ALLIDA LDA 8MAKUTACOC. DIS (1979 records) 03/03/98 15:05.	ords) 03/02/98 15:05.2			(
			(		

#### Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

N ID         S12DAA         S13DCA         S13           ampled         8/5/97         10/20/97         10/2           d         ANALYTICAL LAB         REV         QUAL         QUAL         QUAL         RESULT         QUAL         QUAL         QUAL         CODE	CA 197		S13DFA 10/21/97		S13DGA 10/21/97		S13DHA 10/21/97		
ampled 8/5/97 10/20/97 10/2  d ANALYTICAL LAB REV QUAL RESULT QUAL CODE RESULT QUAL CODE	161		10/21/97		10/21/97		10/21/97		
ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE									
ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE									
	RESULT QUAL QUAL	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	REV QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	REV QUAL	ANALYTICAL LAE RESULT QUA	LAB REV QUAL QUAL	QUAL
350.2M (MG/KG)									
NITROGEN, AMMONIA (AS N) 3.10 J Q 3.		ō	3.00	ð 1	3.80	7	3.00	7	õ
353.2M (MG/KG)									
NITRATE/NITRITE (AS N) 0.02	0.7800		0.0200	JF	0.0200	J F	0.0300	7	F
365.2 (MG/KG)									
PHOSPHORUS, TOTAL ORTHOPH 108 J *2 28.7 J R 65		R	63.5	JR	1115	JR	118	~	R
CYAN (MG/KG)									
CYANIDE 0.5000 U UJ Q 0.57		$\circ$	0.5700 U	UJ Q	0.5300 U	UJ 6	0.5100 U	m	0
IM40 (MG/KG)									
ALUMINUM 565 1,6	565		1,650		2,540		3,440		
ANTIMONY 0.5200 U U 0.544			0.4400 U	n	0.4300 U	Ω	0.5000 U	n	
ARSENIC 0.4500 U B 0.73		В	0.7300 B	J B,*10	0 I.10 B	J B	0.9000 B	7	B
BARIUM 5.	1.90 B		5.40 B		11.5 B		12.7 B		
BERYLLUM 0.1100 B UJ B 0.15		В	0.1500 B	UJ B	0.1800 B	UJ B	0.1800 B	m	В
CADMIUM 0.0700 U U 0.06			0.0600 U	n	0.0600 U	D	U 00700	D	
CALCIUM 28.6 B J *10 2	28.6 B J	0I*	263 B		545 B		713 B		
CHROMIUM, TOTAL 3.	7	B, *10	3.10		0.80		7.80		
0.4700 B J *10	٢	01*	1.60 B		2.30 B		3.10 B		
3R 0.8600 B J B,F	B J	B,F	2.60 B	UJ B	3.60 B		08.9		
1,080	1,080		4,670		2,660		8,260		
LEAD 0.6700 I.	0.6700		1.90		3.30		3.50		
132 B	132 B		693 B		1,100		1,530		
INESE 20.2	20.2		67.4		110		108		
NICKEI, 0.6900 B 3.	0.6900 B		3.30 B		4.00 B		6.20 B		
POTASSIUM 3	125 B		327 B		800		642 B		
11	0.7200 U		0.6100 <sup>U</sup>	Ω	U.5900 U	n	U 0069.0	D	

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

STIDICA   STID		10000	SISINCA	Alabea	SI3DGA	SI3DHA
10/20/97   10/21/97	OGDEN ID	And the second of the second o	SI3DCA	S13DFA	SI3DGA	SI3DHA
A	Date Sampled		10/20/97	10/21/97	10/21/97	10/21/97
### AMAYTTO-0. LAW   FIRST   GOLD   G	Depth					
ORTHOPH  ORTHOPH  ORTHOPH  ORTHOPH  DATDOSMARROINGROUPBJDB (1674 of 1674 records) 03/03/98 14 25.0 read by eshem	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	LAB	ANALYTICAL TAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
US, TOTAL ORTHOPH  PSHIOTIVALIDATID98MAR01VCQC DB (1979 1250) resords) 03/03/98 14 25 0 read by eshein  PT 6 U U U 0 61700 U U 60500 U U 0 60500 U U 60500 U	IM40 (MG/KG) Continued					
US, TOTAL ORTHOPH  PSHOTIVALIDATID@RMAROINGCOLDB (1979 records) 03/03/08/15:052  Total Color of the color of	SILVER					
US, TOTAL ORTHOPH  US, TOTAL ORTHOPH  PSHOTIVALIDATID@MARROINCOC DB (1979 records) 03/05/08 15:05.2	SODIUM					
### 1.40 ### 4.60 ### 4.60 ### 4.60 ### 4.60 ### 4.60 ### #### #### 4.60 ### ################################	THALLIUM					
3.30 B 8.80 J *2  U.S., TOTAL ORTHOPH  U.S., TOTAL ORTHOPH  D.SIOTIVALIDATID98MAR01\GROUPS.DB (1979 records) 03/05/98 15:05.2	VANADIUM		1.40 B	4.60 B	5.30 B	8.80
U.S., TOTAL ORTHOPII  U.S., TOTAL ORTHOPII  D.SIOTIVALIDATIDV&MAROIVGROUPIB.DB (1674 records) 03/05/98 14 25.0 read by exhein a selected>	ZINC		3.30 B	7	21.6	20.1
US, TOTAL ORTHOPH  US, TOTAL ORTHOPH  PSHOTIVALIDATIJOSBMAR01\(GROUPB.DB\) (1674 of 1674 records) 03\(03\(03\)98 14 25.0 read by eshein apsticated	IM40HG (MG/KG)					
PSHOTIVALIDATIN98MAR01\CGC.DB (1979 records) 03/05/98 15:05.2	MERCURY					
3/98 14 25.0 read by cshein	365.2 (MG/L)					
3/98 14 25.0 read by cshein	PHOSPHORUS, TOTAL ORTHOP					
3/98 14 25.0 read by cshein						
3798 14 25.0 read by cshein						
3/98 14 25.0 read by cshein						
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03/98 14 23.0 read by csnein	OWET ACH TAXACT COLOR TAXACT	ON AA DOUGH CHE COLOR	A 1 00/ 00/ 00 /-1 1-1 00/ 00/ 00/ 00/ 00/ 00/ 00/ 00/ 00/ 00			
(	SALE AND SINGLE STORY AND STANDARD SALES OF THE STORY AND SELECT A	MARONGO DE 1976	t of 16/4 records) 03/03/98 14	25.0 read by cshein	Ogden Environment	tal and Energy Servic
(	CDDC tokle and calculated	OMANGO (USAS TECC	Mas) 03/03/98 13:03.2			
	INO TABLE HOLDEN			(		(

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

October   Date Suppled   Date Supp
942 FOR THE PROOF THE PROO
Columbia
Colored Colo
Name
MCKOG         MACKOLITICAL ONTHOPH         94.2         J         Q         2.50         U         1.2         2.50         U         1.2         2.45         U         1.2         2.50         U         U         2.25         U         U         2.25         U         U         2.25         U         U         0.0100         U         U         0.0100         U
Color   Colo
TRTE (ASN)
State   Stat
15. TOTAL ORTHOPH 94.2 J R 95.0 U U U 0.55100 U U 0.55300 U U U 0.5500 U U U U 0.5500 U U U U 0.5500 U U U 0.5500 U U U U U 0.5500 U U U U U U 0.5500 U U U U U U 0.5500 U U U U U U U U U U U U U U U U U U
99 05500 U UJ Q 06300 U U 05600 U U 0 05600 U U U U U U U 05600 U U U U U U U 05600 U U U U U U U U 05600 U U U U U U U U U U U U U U U U U U
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1.07   1.07
NOUM
HONY         0.5100         U         0.5600         U         U         0.5800         U         0.5800         U         U         0.5800         U         U         0.5800         U         U         0.5800         U         0.5800         U         U         0.5800
National
Mathematical Parish
LIUUM
ILIM
UM         134 B         443 B         256 B         489 B         489 B         84.0 B
MIUM, TOTAL  5.00  5.30  E.T  0.9600 B  2.80 B  2.80 B  3.50 B  4.70  4.70  5.80  1.70
LT 0.9600 B 2.80 B 3.50 B 3.50 B 3.50 B 0.7800 B  3. 4.90
RE     2.80 B     J     F     3.90 B     J     F     6.080 B     J     F     6.080 B     J     F     6.080 B     J     F     3.40 B     J
ESIUM 288 B 1,090 6,080 7,080 6,910 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,080 6,910 7,10 8,0910
ESUM 288 B 1,70
A     288 B     1,090     978     1,240     257 B       E     27.3     117     122     150     25.7       E     2.10 B     4.70 B     3.20 B     4.90 B     0.9000 B       276 B     454 B     507 B     255 B       270 0 11 11     0.7700 11 11     0.8000 11
E 27.3 II7 I 22 I 50 Z 25.7 Z 25.8 Z
2.10 B         4.70 B         3.20 B         J B         4.90 B         0.9000 B           276 B         454 B         508 B         507 B         255 B           0.2100 H         H         0.2200 H         H         0.8000 H
276 B
11 1100FC 0 11 11 1100FC 0 11 11 1100FC 0

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

NID   SI3DIA   SI6DIA   SI6D	NID	3DJA   S16DDA   9/29/97   S16DDA   9/29/97   S16DDA   9/29/97   S16DDA   9/29/97   S16DDA	SULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	816DFA 9/29/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	9/30/97  AMALYTICAL LAB REV QUAL RESULT  0.2200 U U 86.3 U U 1.20 U U 7.40 B 7.20  7.20  0.0500 U U B
10/21/97   10/21/97	### Purpled   Tot21/07   Street   Str	### ANALYTICAL LAB REV QUAL RESULT QUAL QUAL PUND CODE RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	SULT QUAL QUAL  2.2100 U U  82.7 U U  7.10 B  15.0  15.0	9/29/97  ANALYTICAL LAB REV QUAL RESULT  0.2100 U U 82.9 U U U 1.20 B 1.20 B 16.7  16.7  11.2	9/30/97  ANALYTICAL LAB REV QUAL RESULT QUAL CODE 0.2200 U U 86.3 U U 1.20 U U 7.40 B 7.20 C 0.0500 U U B
## ANALYTICAL LAB REV GIAL FORD   WANALYTICAL LAB REV GIAL FORD   WANALYTICAL LAB RESULT   GIAL GIAL GIAL FORD   WANALYTICAL LAB RESULT   GIAL GIAL GIAL GIAL GIAL GIAL GIAL GIAL	## ANALYTICAL LAN BIND GIAL   ANALYTICAL LAN BIN	##SULT   CODE   RESULT   CODE   RESULT   CODE   ##SULT   CODE   CODE	ANALYTICAL LAB REV QUAL RESULT  0.2100 U U  82.7 U U  1.20 U U  7.10 B  15.0  0.0400 U UB	ANALYTICAL LAB REV QUAL RESULT  0.2100 U U 82.9 U U U 1.20 B 16.7  16.7  1120 U U U II.20 B 16.7  1120 U U II.20 B 16.7	ANALYTICAL IAB REV QUAL CODE  0.2200 U U 86.3 U U 1.20 U U 7.40 B 7.20 7.20
Continued   Cont	6  6  6  6  6  7  7  7  7  7  7  7  7  7	Comparison   Com	ANALYTICAL LAB REV QUAL ROBE  0.2100 U U 82.7 U U 1.20 U U I.20 U U I.20 U U U I.5.0 B I.5.0 B I.5.0	ANALYTICAL LAB REV QUAL RESULT  0.2100 U U 82.9 U U 1.20 B 1.20 B 16.7  16.7  11.2	ANALYTICAL IAB REV QUAL RESULT QUAL CODE 0.2200 U U 86.3 U U 1.20 U U 7.40 B 7.20 C 0.0500 U UJ B
7) Continued  (a) 100 B  114 B  110 U  110 U  110 U  120 U  130 U  150 U	7) Continued  (a) 100   B   J   10   0   0   0   0   0   0   0   0	7) Continued  0.3100 B  114 B  1 *10  0.2100 U  83.4 U  1.10 U  4.70 B  5.50  J  5.50  J  8.40 B  8.40 B  11.50 U  U  8.40 B  11.5 U  U  U  U  U  U  U  U  U  U  U  U  U	מ מממ	n n n	
## 14   B   1   10   U   U   1.20   U   U   U   U   U   U   U   U   U	## 114 B J *10 U U 1 1.20 U U 1 1	114 B J *10 B 33.4 U U U U U U U U U U U U U U U U U U U	מ ממ	n n	
### 1.10 U U U 1.20 U U 1.20 U U U 1.20 U 1.20 U U 1.20 U 1.2	## 4.70   B	4.70 B	ם ה	n n	n A
### ### ### ### ######################	### ##################################	3.50 J *2 11.5 SWG)  5.50 U U  6.0500 U U  6.0500 U U  6.0500 U  6.0500 U  7.50 U  7.5	5	ſ	ñ
US, TOTAL ORTHOPH  US, TOTAL ORT	### 11.5   11.5   15.0    **CONTROPH**  **CO	5.50 J *2 II.5 0.0500 U U 0.0500 U UJ US, TOTAL ORTHOPH	B	5	m
US, TOTAL ORTHOPH  US, TOTAL ORTHOPH	US, TOTAL ORTHOPH  US, TOTAL ORTHOPH  US, TOTAL ORTHOPH  PSHOTIVALIDATD/98MAR01\GROUPB DB (1979 records) 03/03/98 14.25 0 read by eshem	0.0500 U U 0.0500 U U U U U U U U U U U U U U U U U U	5	Б	ñ
US, TOTAL ORTHOPH  USSUE OF TO	US, TOTAL ORTHOPH  PSHOTIVALIDATID98MAR01VGROUPH D18 (1979 records) 03/05/98 14 25 0 read by cshein  PSHOTIVALIDATID98MAR01VCCC.DB (1979 records) 03/05/98 15.05.2	US, TOTAL ORTHOPH	3	3	5
	3798 14:25.0 read by cshein				
	3798 14:25.0 read by cshein				
	3798 14:25.0 read by cshein				
	3798 14:25.0 read by cshein				
	3/98 14:25.0 read by cshein				
	3798 14:25.0 read by cshein				
	3/98 14:25.0 read by cshein				
	3/98 14:25.0 read by cshein				
	3/98 14:25.0 read by cshein				
		T:MMR\SNAPSHOTVALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2			30

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

EPA NO	S16DHA	S16DIA	SI6DJA	SI6DKA	SI6DLA
OGDEN ID	S16DHA	S16DIA	S16DJA	S16DKA	S16DLA
Date Sampled	9/30/97	9/30/97	9/30/97	9/30/97	10/3/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
350.2M (MG/KG)					
NITROGEN, AMMONIA (AS N)	2.70 U UJ *2	5.90 U UJ *2	2.50 U UJ *2	2.40 U uy *2	2.41 U UJ *2
353.2M (MG/KG)					
NITRATE/NITRITE (AS N)	0.0200	0.0900	0.1200	0.0800	0.0800
365.2 (MG/KG)					
PHOSPHORUS, TOTAL ORTHOPH	PH 84.0	55.0	103	109	52.0
CYAN (MG/KG)					
CYANIDE	0.5600 U U	0.5500 U U	0.5400 U U	0.5900 U	0.5600 U UJ H
IM40 (MG/KG)					
ALUMINUM	2,420	1,540	1,390	4,580	1,040
ANTIMONY	0.5300 U U	0.5200 U U	0.5600 U U	0.5400 U U	0.5500 U
ARSENIC	1.20 B	1.10 B	1.30 B	2.00	1.40 B J B
BARIUM	11.0 B	4.40 B	5.80 B	17.6 B	4.40 B
BERYLLIUM	0.1300B	0.1200 B	0.1100 B	0.2300 B	0.0400 B J B,*10
CADMIUM	U 0.0700	0.0700 U	U 00800	U 0.0700 U	U 00800
CALCIUM	735 B	313 B	283 B	1,070	121 B
CHROMIUM, TOTAL	4.30	3.00	3.70	15.4	7.70
COBALT	2.30 B	1.70 B	1.30 B	4.00 B	0.8400 B
COPPER	3.30 B J F	2.20 B J F	2.30 B J F	7.40 J F	1.50 B
RON	5,380	4,500	3,850	11,000	3,860
LEAD	3.40	1.50 J *2	1.60 J *2	3.80	1.40
MAGNESIUM	1,290	671 B	588 B	2,380	383 B
MANGANESE	146	49.1	39.3	158	27.8
NICKEL	4.10 B	2.20 B J B	1.80 B J B	10.3	1.10 B J B
POTASSIUM	8 169	284 B	373 B	1,040	261 B UJ B
SELENIUM	0.7300 U	0.7200 U U	U U 0.7700	0.7500 B J *2,*10	U 0.7600 U
T-VMMR\SNAPSHOT\VAI IDATID\98MARQ1YGROLIPI DB (1674 of 1674 records) 03/03/98 14.75 0 read by cshein	98MAROTIGROTIPE DR (16)	74 of 1674 records) 03/03/98 14	25 0 read by eshein		
CHARLES AND A COLOR OF THE COLO	SON CALCULATION ON COLOR DE CASTO	FI SCIENCE (SPINGE) FOR TO FI	A STORY OF CALCULA	Ogden Environment	Ogden Environmental and Energy Services
1:\MMR\SNAPSHOT\VALIDATD\98\MAR\01\COC.DB\((1979\) records)\03\05\98\15:05.2	98MAR01\COC.DB (1979 re	cords) 03/05/98 15:05.2			
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

SteDita   SteD	N ID S16 ampled 9/3(					
Marked   9/30/97   Marked   9/30/97   Marked   9/30/97   Marked	97.3 ampled	6DHA	SIGDIA	S16DJA	S16DKA	SI6DLA
The continued   The continue		26/01	9/30/97	9/30/97	9/30/97	10/3/97
9) Continued         Continued         0.2000 U         U         0.2000 U         0.2000 U         0.2000 U <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th></t<>						
9) Continued   0,2000 U U   0,200 U	An angle and the second	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
TST OF TAX. ORTHOP!  TOTAL ORTHOP!	IM40 (MG/KG) Continued					
78.1 U U 77.8 U W 83.2 U U 79.9 U U 1.10 U U 1.20 U U U 1.20 U U W 1.20 U U W 1.20 U U W 1.20 U U W 1.20 U U W W 1.20 U U W W 1.20 U U W 1.20	SILVER					0.2100 U
A         6.00 U         U         1.10 U         0.0500 U         U         I         1.10 U         1.10 U         I         1.10 U         1.10 U         1.10 U         1.10 U	SODIUM					82.2 U U
### ##################################	THALLIUM					1.10 U U
US, TOTAL ORTHOPHI  US, TO	VANADIUM	6.00 B	4.80 B	4.80 B	10.7	5.30 B
US, TOTAL ORTHOPH  US, TOTAL ORT	ZINC	16.7	11.8	10.1	27.9	6.20
US, TOTAL ORTHOPII  US, TOTAL ORTHOPII  US, TOTAL ORTHOPII  US, TOTAL ORTHOPII  US 0.05500 U UJ B 0.05500 U UJ	IM40HG (MG/KG)					
	PHOSPHORUS, TOTAL ORTHOPII					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

SIEDNA	
ADDIOLO	S16DPA S16DRA
10/3/97	10/6/97
ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL CODE  RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE
2.40 U UJ *2 2.50 U UJ *2	2.40 U UJ *2 2.50 U UJ
0.0500 J E 0.0400 J F,E	0.1100 J E 0.0900 J
	9
04.0 J E, V 134 J V.E	00.00 J E, V
0.5300 U R O.L 0.5900 U R O.L	0.5200 U R O.L 0.5500 U R O.L
,	)
1,000	1,030
U UJ Q 0	0 0 0 0 0
3.20	1.90 I.30 B
4.40 B 5.40 B	5.60 B 6.30 B
0.0900 B 0.1500 B	0.0800 B 0.0800 B
U 0.0000 U U 0.0000 U	U U 00000 U U D 00000
100 B 107 B	112 B 113 B
12.2	23.4 31.3
0.9300 B 1.10 B	0.9800 B 1.20 B
BJF	1.80 B J F 2.40 B J
4,510	5,710 6,240
1.40	1.60
272 B 221 B	213 B 225 B
25.4 J Q 27.7 J Q	28.5 J Q 37.2 J
0.2000 B J B,*10 0.6300 B J B	0.6600 B J B 1.10 B J
394 B UJ B 428 B	457 B 463 B
0.7800 U U 0.7300 U	0.7200 U U 0.6800 U U
74 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	
1: WMMR\SINAPSHOTVYALIDATD\98MAR\01\GROUPB.DB (16/4 of 16/4 records) 03/03/98 14:25.0 read by cshein	Ogden Environmental and Energy Services
9 H 428 B 0.7300 U 0.7309 U 0.7309 U 0.7309 U 0.7309 U 0.73098 14:25.0 read by cshein	457 B 0.7200 U Ogden Envii

F.MMRISNAPSHOTIVALIDATD/98MAR01/GROUPB.DB (1674 of 1674 records) 03/03/98 14:25.0 read by eshein T:\MMR\SNAPSHOT\VALIDATD\98\MAR01\COC.DB\((1979\) records)\03\05\98\15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	S16DMA	S16DNA	S16DOA	SI6DPA	SI6DRA
OGDEN ID	S16DMA	S16DNA	S16DOA	SI6DPA	SI6DRA
Date Sampled	10/3/97	10/3/97	10/6/97	10/6/97	10/6/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (MG/KG) Continued SILVER SODIUM THALLIUM VANADIUM ZINC IM40HG (MG/KG)	0.2000 U U F,*10 1.10 U U 7.10 B	0.2800 B UJ B 84.4 U U L.20 U U G.40 B 4.90	0.4900 B UJ B 78.5 U U 1.10 U U 11.1 U		
MERCURY 365.2 (MG/L) PHOSPHORUS, TOTAL ORTHOPH	0.0500 U B	0.0500 U UJ B	0.0400 U U	0.0400 U U	0.0400 U U
T.MMR\SNAPSHOTIVALIDA	T:\MMR\SNAPSHOT\VALIDATD\98\MAR\01\\GR\OUPB.D\B\(1674\) of 1674 records) 03/03/98 14:25.0 read by cshcin	of 1674 records) 03/03/98 14	.25.0 read by cshein	Ogden Environment	al and Energy Services
T:\MMR\SNAPSHOT\VALIDA <prg not="" selected="" table=""></prg>	T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2 <prg not="" selected="" table=""></prg>	rds) 03/05/98 15:05.2	(	)	(

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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EPA NO	S27DCA		S27DCD		S27DDA		S27DEA		S27DFA	
OGDEN ID	S27DCA		S27DCD	1	S27DDA		S27DEA		S27DFA	
Date Sampled	10/6/97		10/6/97		10/6/97		10/6/97		10/6/97	
Depth										
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	REV QUAL QUAL	ANALYTICAL LAB REV GREVIT QUAL QUAL QUAL	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ODE	ANALYTICAL LAB REV GREUTE QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	QUAL
350.2M (MG/KG)										
NITROGEN, AMMONIA (AS N)	2.45 U	UJ *2	5.20	J *2	2.40 U UJ	*2	2.50 U UJ *	*2	2.40 U U	
353.2M (MG/KG)										
NITRATE/NITRITE (AS N)	0.0100	J E	0.0100	J E	0.01000	E	0.0200 J E	E	0.0100	E
365.2 (MG/KG) PHOSPHORIS TOTAL ORTHOPH	0 00	J EO	87.0	J EO	1.18	OF	) I 121	OF	52.6	OF
CYAN (MG/KG)								)		3
CYANIDE	D 0009.0	R Q	0.5100 U	R Q	0.5100 U R	0	0.5500 U R C	0	0.5100 U R	0
IM40 (MG/KG)										
ALUMINUM	2,400		2,780		1,870		3,260		750	
ANTIMONY	0.4600 U	UJ Q	n	UJ Q	U UJ	0	0.4600 U UJ C	0	0.5500 U UJ	0
ARSENIC	2.50		1.90		1.10 B		1.30 B		0.8200 B J	<i>01</i> *
BARIUM	7.90 B		6.10 B		7.90 B		9.20 B		3.50 B	
BERYLLIUM	0.1400 B		0.0800 B		0.1000 B		0.1900 B		0.0500 B	
CADMIUM	0.0600 U	n	U 00800	n	U 0090.0		U 0090.0		U 00800	
CALCIUM	396 B		88.5 B		301 B		300 B		94.9 B	
CHROMIUM, TOTAL	4.10		4.10		4.90		0.40		1.90	
COBALT	I.70 B		I.40 B		2.20 B		3.60 B		0.5500 B	
COPPER	6.30		2.30 B	J F	3.30 B		6.70		1.30 B J	F
IRON	4,130		3,850		4,780		2,960		1,830	
LEAD	3.50		2.40		2.40		3.50		1.30	
MAGNESIUM	593 B		S65 B		970		1,500		227 B	
MANGANESE	1.66	9	63.2	9 1	97.8	0	) l 991	ō	I 6.91	0
NICKEL	1.20 B	J B	0.8500 B	J B	2.20 B J	В	4.80 B J E	В	0.1700 U UJ	B
POTASSIUM	521 B		349 B	UJ B	516 B		610 B		275B UJ I	B
SELENIUM	0.6300 U	n	0.7600 U	n	0.6500 U		0.6400 U		U 0.7600 U U	

TAMMRISNAPSHOTIVALIDATIN98MAR01/GROUPB DB (1674 of 1674 records) 03/03/98 14:25 0 read by eshein TAMMRASNAPSHOTAVALIDATD/98MAR01/COC.DB (1979 records) 03/05/98 15:05.2

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

October 10   Oct	EPA NO	S27DCA	S27DCD	S27DDA	S27DEA	S27DFA
1006/97   1006	OGDEN ID	S27DCA	S27DCD	S27DDA	S27DEA	S27DFA
AMCKG  Continued	Date Sampled	10/6/97	10/6/97	, ,	10/6/97	10/6/97
Continued	Depth					
OTAL ORTHOPH  OTALIDATID/98MAR01\(COC.DB (107) B (107) P (107)	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	LAB REV QUAL QUAL	REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	AB REV
OTAL ORTHOPH  O2600 B UJ B 02100 U 0 0.1800 U U 0 0.990 U 0 0.9200 U U 0 0.0400 U U	IM40 (MG/KG) Continued					
OTAL ORTHOPH  OT	SILVER	m				
OTAL ORTHOPH  OT	SODIUM					
OTAL ORTHOPH  O 0500 U U 0 0.0400 U U 0.0400 U U 0.0400 U U  OTAL ORTHOPH  TOTAL ORTHOPH  OTAL ORTHO	THALLIUM					
OTAL ORTHOPH  O10500 U U 0.0400 U U 0.0400 U U 0.0400 U U 0.0400 U U 0.0	VANADIUM	6.20 B	6.90 B	6.20 B	8.80	2.50 B
OTAL ORTHOPH  O10500 U U U 0.0400 U U U 0.0400 U U U 0.0400 U U U  O10400 U U U U U U U U U U U U U U U U U U	ZINC	9.90	7.70	10.5	16.7	4.20
US, TOTAL ORTHOPH  US, TOTAL ORTHOPH  PSHOTVALIDATDV98MAR01VGROUPB.DB (1674 of 1674 records) 03/03/98 14.25.0 read by cshem  APSHOTVALIDATDV98MAR01VCOC DB (1979 records) 03/05/98 15.05.2	IM40HG (MG/KG)					
PSHOTNVALIDATDV98MAR01VCOC.DB (1979 records) 03/05/98 15:05.2	MERCURY					m
3/98 14:25.0 read by cshein	365.2 (MG/L) PHOSPHORUS, TOTAL OR	ТНОРН				
3/98 14:25.0 read by cshein						
3/98 14:25.0 read by cshein						
3/98 14:25.0 read by cshein						
3/98 14:25.0 read by cshein						
3/98 14:25.0 read by cshein						
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3/98 14:25.0 read by cshein						
3/98 14:25.0 read by cshein						
3/98 14:25.0 read by cshein						
3/98 14:25.0 read by cshein						
(	T:\MMR\SNAPSHOT\VALID	ATD\98MAR01\GROUPB.DB (1674	4 of 1674 records) 03/03/98 14	.25.0 read by cshein	Ogden Environment	al and Energy Services
	T:\MMR\SNAPSHOT\VALID	ATD\98MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2		0	Techs
nfon	<prg not="" selected="" table=""></prg>			(		(
						nfor

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

October   S27DIA	N II) smpled					
Q 0.5200 U U Q 0.6.50 B	ampled	27DGA	S27DHA	S27DIA	S27DJA	S27DKA
43.9   14.25 0 read by cshein		16/9/0	10/6/97	10/6/97	10/7/97	10/7/97
Q 0.5200 U U Q E  Q 0.5200 U U Q  Q 0.5200 U W Q E  Q 0.5200 U W Q Q E  Q 0.5200 U W Q Q E  Q 0.5200 U W Q Q E  Q 0.5200 B J *10  Q 0.5200 B J *10  Q 0.5200 B J *10  Q 0.5200 B J E  I.60	Depth					
LA (AS N)  2.50 U U  3.80  A. ORTHOPH  5.66  J. Q.E  0.0100 U U  0.5500 U W  1.190  0.4500 U W  0.4500 U W  1.200  3.30  0.4500 U W  1.200  3.30  0.4500 U W  1.20  3.30  1.20  3.30	Method Analyte_	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB RESULT QUAI	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.50 U U U E  43.9 J E  43.9 J QE  0.5200 U R Q  2.20 B  0.0700 U U Q  0.0700 U U Q  0.0500 B  1.60 B  1.60 B  1.00  1.00  2.12 B  0.1500 U U B  1.00  2.13 B  1.00  1.0	350.2M (MG/KG)					
43.9 J E 43.9 J Q.E 641 Q 0.5200 U R Q 6.220 B J '10 2.20 B J '10 6.6500 B J F 1.60 B J F 1.60 B J F 1.60 B J F 1.810 C 0.1500 U U B 2.22 B J Q.C 6.65 B J F 1.810 B J F 1.810 C 0.1500 U U B 1.82 J Q.C 1.83.2 J Q.C 1.83.2 J Q.C 1.84 Q.C 1.85 D G.C 1.85	NITROGEN, AMMONIA (AS N)					2.50 U U
Q 0.5200 U R Q 641 Q 0.4800 U UJ Q 641 Q 0.4800 U UJ Q 62200 U B Q 62200 U B Q 665 B G	353.2M (MG/KG)					
43.9 J Q.E  Q 0.5200 U R Q  641 UJ Q  0.4800 U UJ Q  2.20 B  0.0700 U U  66.5 B  1.60 B  1.10 B  1.10 B  1.31 P  1.32 J Q  213 B  1 B  0.6600 U UJ B  1 B  0.1500 U UJ B  1 B  0.6600 U UJ B	NITRATE/NITRITE (AS N)	7		7	7	0.0100 J E
43.9 J Q.E  641  Q 0.5200 U R Q  641  Q 0.4800 U UJ Q  2.20 B  Q.0500 B  1.60 B  1.60 B  1.60 B  1.00	365.2 (MG/KG)					
641 Q 0.5200 U R Q 0.4800 U UJ Q 0.4800 U UJ Q 0.7400 B J 710 C 0.0700 U U G 66.5 B 1.10 B J F 1.510 C 1.30 C 1.32 B 1.32 B 0.1500 U UJ B 1 B 0.1500 U UJ B 1 B 0.6600 U UJ UJ B 1 B 0.6600 U UJ UJ B 1 B 0.6600 U UJ U	PHOSPHORUS, TOTAL ORTHOPH	56.6 J		7	J	36.0 J Q.E
641 0 0.4800 U UJ Q 0.4800 U UJ Q 0.7400 B J *10 2.20 B 0.0700 U U 0.0700 U UJ 0.070	CYAN (MG/KG)					
641 UJ Q 0.4800 U UJ Q 0.7400 B 1.20 B 0.0500 B 0.0700 U U 0.6600 B 1.60 B 1.10 B 1.510 1.00 212 B 1 B 0.1500 U UJ B 1 B 0.6600 UJ B	CYANIDE	×	.5200 U R	×	~	0.5100 U R Q
0.4800 U UJ Q 0.7400 B J *10 2.20 B 0.0500 U U 66.5 B 1.60 B 1.10 B J F 1.510 1.00 212 B 1.32 J Q 1.32 J Q 1.32 B 1.32 J Q 1.32 B 1.32 J Q 1.32 B 1.32 D 1.32 U B 1.32 D 1.32 D 1	IM40 (MG/KG)					
0.04800 U UJ Q 2.20 B J *10 0.0500 U U 66.5 B I.60 B 1.60 B J F 1.60 B J F 1.10 B J F 1.810 C 1.32 J Q 1.32 B O.1500 U UJ B 1.88 D.1500 U UJ B 1.89 D.1500 U UJ B 1.80 D.1500 U UJ B 1.80 D.1500 U UJ B 1.80 D.1500 U UJ B	ALUMINUM	1,190	1,260	641	534	633
2.20 B J *10  2.20 B 0.0500 U U 66.5 B 1.60 B 1.10 B J F 1,510 1.00 212 B 0.1500 U U B 213 B 1 B 0.1500 U U B 0.6600 U U B 0.6600 U U B 0.6600 U U B	ANTIMONY	n	.5300 U UJ	n	n	0.5100 U UJ Q
2.20 B 0.0500 U 66.5 B 1.60 B 1.10 B 1.10 B 1.310 1.310 1.310 1.310 1.32 J 2.212 B 1.32 J 0.1500 U 1.32 B 0.1500 U 1.32 B 0.1500 U 1.32 B 0.1500 U 1.32 B 1.32 B 0.1500 U 1.32 B 1.32 B 0.1500 U 1.32 B 1.32 B 1.33 B 1.34 B 1.35 B 1.36 B 1.37 B 1.38 C 1.39 B 1.30 B 1.30 B 1.30 C 1.30 B 1.30 C 1.30 B 1.30 C 1.30 C 1.3	ARSENIC	1.10 B	1.40 B	7	1.10 B	0.8100 B J *10
0.0500 B       0.0700 U     U       66.5 B     I.60 B       1.60 B     J       1.10 B     J       1.510     J       1.00     J       212 B     J       13.2     J       1 B     0.1500 U       1 B     0.1500 U       1 B     0.6600 U       1 B     0.6600 U       1 B     0.6600 U       1 C     0.6600 U       1 B     0.6600 U	BARIUM	3.80 B	3.30 B	2.20 B	2.00 B	2.20 B
0.0700 U U C 66.5 B C C C C C C C C C C C C C C C C C C	BERYLLIUM	0.0900 B	0.0800 B	0.0500 B	0.0600B	0.0600B
66.5 B 1.60 B 1.10 B J F 1.10 B J F 1.510 1.00 212 B J Q 13.2 J Q 13.3 J Q 13.3 J Q 14.5 J Q 15.5 J Q 16.6 J J Q 17.5 J Q 18.5 J Q	CADMIUM		U 0070			U D 00700
1.60   B   1.10   B   J   F   1.10   B   J   F   1.510   B   J   E   1.00   J   B   J   J	CALCIUM	149 B	131 B	66.5 B	36.8 B	58.3 B
0.6600 B       J. 10 B       J. F         1.10 B       J. F         1.00       J. 00         212 B       J. Q         B       0.1500 U       UJ B         J B       213 B       UJ B         J B       0.6600 U       U         J B       0.6600 U       U         J B       0.6600 U       U	CHROMIUM, TOTAL	3.10	3.10	1.60 B	2.10	I.80 B
1.10   B   J   F   1.510   B   1.510   B   1.510   B   1.52   J   0.1500   U   U   B   B   B   B   B   B   B   B	COBALT	1.20 B	1.50 B	0.6600 B	0.5500 B	0.5600 B
1,510 1.00 1.00 13.2 B J Q 13.2 J Q 13.2 B J Q 1 B 0.1500 U JJ B 213 B UJ B 1 B 0.6600 U U	COPPER	7	3.50 B	ſ	7	1.10 B J F
1.00   1.00   13.2   1   0.00   13.2   1   0.00   1   1   1   1   1   1   1   1   1	IRON	3,690	3,640	1,510	1,700	1,470
212 B J Q 13.2 J Q Q 13.2 B D Q D Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	LEAD	2.10	2.30	1.00	1.00	0.9200
Q     13.2     J     Q       B     0.1500 U     UJ     B       J     B     213 B     UJ     B       J     B     0.6600 U     U     B       3/98 14:25 0 read by cshein	MAGNESIUM	435 B	484 B	212 B	123 B	164 B
B       0.1500 U       UJ       B         1 B       213 B       UJ       B         1 B       0.6600 U       U       B         3/98 14:25 0 read by cshein       0.6400 U       U       D	MANGANESE	7	7	7	ſ	11.0 J Q
1 B 213 B UJ B 1 B 0.6600 U U 3/98 14.25 0 read by eshein	NICKEL	7	.8100 B J	n	m	0.1600 U UJ B
1 B 0.6600 U U 3/98 14.25 0 read by eshein	POTASSIUM	332 B	UJ	n	n	224 B UJ B
3/98 14:25 0 read by cshein	SELENIUM		.8200 B UJ			0.7100 U
	TAMMRASNAPSHOTAVĀLIDĀTIM98	MARÖIVGROUPB.DB (167	74 of 1674 records) 03/03/98 14:	25 0 read by cshein	Oøden Environment	al and Energy Servi
	T:\MMR\SNAPSHOT\VALIDATD\98I	MAR01\COC.DB (1979 red	cords) 03/05/98 15:05.2			50
	<prg not="" selected="" table=""></prg>	,				
	לו אים ומון ארומים					

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

EPA NO	S27DGA	S27DHA	S27DIA	S27DJA	S27DKA
OGDEN ID	S27DGA	S27DHA	S27DIA	S27DJA	S27DKA
Date Sampled	10/6/97	10/6/97	10/6/97	76/1/01	10/7/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (MG/KG) Continued SILVER	0.1700 U	0.2000 U	U U 001800	0.2400 B UJ B	0.2300 B UJ B
SODIUM				n	D
THALLIUM	0.9400 U	1.10 U U	1.00 U U	U U 01.1	U U U III
VANADIUM	3.10 B	4.60 B	2.10 B		В
ZINC IM40HG OMG/KG)	11.4	8.30	3.80	2.80 B J F	2.90 B J F
MERCURY	0.0400 U UJ B	0.0500 U UJ B	0.0400 U UJ B	0.0400 U UJ B	0.0500 U B
PHOSPHORUS, TOTAL ORTHOPH	КТНОРН				
T:\MMR\SNAPSHOT\VALID T:\MMR\SNAPSHOT\VALID <prg not="" selected="" table=""></prg>	T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\\GR\OUPB.\D\B\ (1674 of 1674 records) 03\\Omega\text{03}\Omega\text{03}\Omega\text{03}\Omega\text{03}\Omega\text{03}\Omega\text{03}\Omega\text{03}\Omega\text{03}\Omega\text{03}\Omega\text{03}\Omega\text{05}\Omega\text{05}\Omega\text{03}\Omega\text{03}\Omega\text{05}\Omega\text{05}\Omega\text{03}\Omega\text{05}\Omega\text{03}\Omega	ords) 03/05/98 15:05.2	25.0 read by cshein	Ogden Environment	Ogden Environmental and Energy Services
					on

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

Indication   S27Di A   Indication   Indica						
### Property of the part of th		)LA	S27DMA	S27DNA		
Colored Colo		97	10/7/97	10/7/97		
Comparison	Depth					
J E R Q & GE A F A A A A A A A A A A A A A A A A A		NALYTICAL LAB REV QUAL RESULT QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
AMMONIA (AS N)  0.5300 U  0.5300 U  0.5000 U  0.5000 U  0.5000 U  0.5000 U  0.5000 B	350.2M (MG/KG)					
J E R Q QE UI B B UI B B UI B B C C C C C C C C C C C C C C C C C	NITROGEN, AMMONIA (AS N)		1.40	1.10		
J E R Q L J G E L L L L L L L L L L L L L L L L L L	353.2M (MG/KG)					
J 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NITRATE/NITRITE (AS N)	7	7	7		
J 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	365.2 (MG/KG)					
R Q UI Q II R Q II R Q II R Q II R II R	PHOSPHORUS, TOTAL ORTHOPH	7	ſ	,		
В О О О О О О О О О О О О О О О О О О О	CYAN (MG/KG)					
UJ Q 1 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CYANIDE	2	~	~		
UJ Q 1 1 10 1 10 1 10 1 10 1 10 1 10 1 10	IM40 (MG/KG)					
U	ALUMINUM	777	921	659		
J +10 U U J Q U U U U U U U U U U U U U U U U U U U	ANTIMONY	n	m	m		
U	ARSENIC	3.00	1.40 B	ſ		
U	BARIUM	2.40 B	3.30 B	2.40 B		
U 7 6 UU BB UU BB	BERYLLIUM	0.1500 B	0.1100 B	0.0700 B		
<b>J F</b> UN BB	CADMIUM					
<b>J F</b> UJ B UJ B	CALCIUM	57.6 B	73.1 B	62.5 B		
J F F UU B UU B B UU B B	CHROMIUM, TOTAL	2.70	2.60	2.20		
7	COBALT	0.6700 B	0.7900 B	0.5600 B		
7 6 00 B 01 B 01 C	COPPER	2	7	7		
<b>J Q</b> UJ B UJ B	RON	5,050	2,720	1,810		
<b>J Q</b> 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LEAD	1.70	1.30	1.10		
J         Q           UJ         B           U         U	MAGNESIUM	161 B	258 B	185 B		
UJ B UJ B U	MANGANESE	7	ſ	r		
UJ B	NICKEL	M	UJ	m		
n	POTASSIUM	m	m	m		
	SELENIUM			M 0008		
	T:WIMR\SNAPSHOT\VALIDATI)\98MAR	801/GROUPB.DB (167	4 of 1674 records) 03/03/98 14	25.0 read by cshein		
TAMMRISNAPSHOTIVALIDATDI98MAR01/COC DB (1979 records) 03/05/98 15:05 2	F.VMMR\SNAPSHOTYVALIDATI)\98MAR	201/COC DB (1979 rec	ords) 03/05/98 15:05 2		Oguen Environmental	and Energy Servi

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP B: Soil Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

Date Sampled   Date	LAB REV QUAL ANALYTICAL LAB REV QUAL QUAL CODE  B UJ B  B J F  B J B
10/7/97   10/7	CODE ANALYTICAL LAB REV CODE RESULT QUAL QUAL
The color   The	GUAL ANALYTICAL LAB REV CODE RESULT QUAL QUAL  B B B
G) Continued  O. 1900 U  O. 2000	QUAL ANALYTICAL LAB REV CODE RESULT QUAL QUAL B
G) Continued  0.1900 U U  74.6 U U  1.00 U U  77.3 U U  86.4 U U  1.10 U U  4.60 B  3.20 B  3.40 B  5.20  0.0500 U U B  0.0400 U U  86.4 U U  1.20 U U  4.60 B  3.40 B  3.40 B  3.40 B  J.40 B	
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\\GROUPB.DB (1674 of 1674 records) 03/03/98 14:25.0 read by cshein T:\MMR\SNAPSHOT\VALIDATD\98MAR01\\COC.DB (1979 records) 03/05/98 15:05.2 <prg not="" selected="" table=""></prg>	shein Ogden Environmental and Energy Services





Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

DEN LID   SOLINCE   COPPET	SORDCE   SUBDCE   S		SOZDCE	S08DCE	SIADCE	SIGDAE	SZ/DCE
Mainthead	March   Marc		2DCE	S08DCE	S14DAE	S16DAE	S27DCE
Color   Colo	Amount   A		16/6	10/1/97	7/21/97	9/30/97	10/6/97
13   13   13   13   13   13   13   13	13   13   14   14   15   15   15   15   15   15	hdde					
Color   Colo	LAMMONIA (AS N)  ALAMMONIA (AS	ə	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV QU RESULT QUAL QUAL CO
LAMMONIA (AS N)   B.04.00   U   U   0.0100   U   U   0.0200   U   U   0.0100   U   U   0.	TATION OF THE CAS N)  A	0.2M (MG/L)					
T.D.         T.D. <th< td=""><td>### TOTAL ORTHOPH 0.0100 U U 0.010 U U 0.</td><td>NITROGEN, AMMONIA (AS N)</td><td>0.0400</td><td></td><td></td><td></td><td></td></th<>	### TOTAL ORTHOPH 0.0100 U U 0.010 U U 0.	NITROGEN, AMMONIA (AS N)	0.0400				
Matter   M	MATTER(AS N)  O0100 U  US, TOTAL ORTHOPH  O0100 U  US, TOTAL ORTHOPH  O0100 U  U  SOO	3.2M (MG/L)					
Color   Colo	SUS, TOTAL ORTHOPH 0.0100 U U 0.0100 U U 0.0100 U U 0 0.0100 U U 0	NITRATE/NITRITE (AS N)		n		0.0100	
MA	MA TOTAL ORTHOPH 0.0100 U U 0.010	5.2 (MGL)					
MA         21.9 U         U         22.90 U         U	M 21.9 U U 22.90 U	PHOSPHORUS, TOTAL ORTHOPH					0.0100
Mathematical Mat	MA         5.00 U         U         0.00 U         U	AN (UGL)					
M         21.9 U U         21	M         21.9 U         U         21.9 U         U         5.40 U         U         2.90 U         U<	CYANIDE		n			n
INDIMA	INDUM	40 (UG/L)					
MONY         2.90 IV         U         2.90 IV         U         2.90 IV         U         4.90 IV         U         2.50 IV	AONY         2.90 U         U         2.90 U         U         5.40 U         U         2.90 U         U           NIC         2.50 U         U         2.50 U         U         4.90 U         U         2.50 U         U           JM         3.60 U         U         3.60 U         U         4.90 U         U         2.50 U         U           LLIUM         0.1000 U         U         3.60 U         U         7.90 U         U         3.60 U         U           LLIUM         0.4000 U         U         0.4000 U         <	ALUMINUM		n	D		n
NIC         2.50 U         U         0.0000 U         U         0.0000 U	NIC         2.50   U         U         2.50   U         U         4.90   U         U         2.50   U         U           JM         3.60   U         U         3.60   U         U         3.60   U         U         3.60   U         U           LLIUM         0.1000   U         U         0.2000   U         U         0.2000   U         U         0.4000   U         0.4000   U         0.4000   U         0.4000   U	ANTIMONY		D			b
JM         3.60 U         U         0.1000 U	JM         3.60 U         U         3.60 U         U         7.90 U         U         3.60 U         U           LLIUM         0.1000 U         U         0.4000 U         U         0.2000 U         U         0.1000 U         U           IUM         89.1 U         U         0.9000 U         U	RSENIC		ח			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	LLIUM HUM O.4000 U U O.4000 U U O.4000 U U U U W S9.1 U U U W WIUM, TOTAL  1.30 U U U CR WIUM, TOTAL  2.20 B 1.70 U U SSIUM U V O.9000 U U U U U U U U U U U U U U U U U U	ARIUM		D			
IUM         0.4000 U         U         0.4000 U         U         0.5000 U	TUM	ERYLLIUM		0.1000 B			
IUM         89.1 U U U         99.1 U U U         99.1 U U U         99.1 U U U         99.1 U U U         89.2 U U U         99.1 U U U U         99.1 U U U U U         99.1 U U U U U U         99.2 U U U U U U U         99.30 U U U U U U U         99.30 U U U U U U U         99.30 U U U U U U U U         99.30 U U U U U U U U U U U U U U U U U U U	IUM         89.1 U U U         U 0.9000 U U U U U U         U 0.9000 U U U U U U         U 0.9000 U U U U U U U         U 0.9000 U U U U U U U U U U         U 0.9000 U U U U U U U U U U U U U U U U U U	ADMIUM					
MIUM, TOTAL         0.9000 U         U         0.9000 U         U         0.9000 U         U         <	MIUM, TOTAL 0.9000 U U U 0.9000 U U U 1.60 U U U 1.60 U U U 1.30 U 1.30 U U 1	ALCIUM	n	n			
LT         L.30         U <td>LT         L.30 U         U         1.30 U         U         2.70 U         U         1.30 U         U           ER         2.20 B         1.01 B         54.1 B         56.1 U         U         9.30 B         U           22.0 B         2.20 B         56.1 U         U         2.70 B         U         2.6.5 B         U           TESIUM         88.9 U         U         88.9 U         U         2.26 U         U         88.9 U         U           JANESE         3.00 B         3.00 B         3.00 B         3.00 U         U         2.70 B         U           SSIUM         194 U         U         4.00 U         U         4.00 U         U         4.00 U         U           AUDM         U         4.00 U         U         4.00 U         U         4.00 U         U</td> <td>HROMIUM, TOTAL</td> <td></td> <td></td> <td>n</td> <td></td> <td></td>	LT         L.30 U         U         1.30 U         U         2.70 U         U         1.30 U         U           ER         2.20 B         1.01 B         54.1 B         56.1 U         U         9.30 B         U           22.0 B         2.20 B         56.1 U         U         2.70 B         U         2.6.5 B         U           TESIUM         88.9 U         U         88.9 U         U         2.26 U         U         88.9 U         U           JANESE         3.00 B         3.00 B         3.00 B         3.00 U         U         2.70 B         U           SSIUM         194 U         U         4.00 U         U         4.00 U         U         4.00 U         U           AUDM         U         4.00 U         U         4.00 U         U         4.00 U         U	HROMIUM, TOTAL			n		
ER         2.20 B         10.1 B         1.80 U         U         9.30 B         3.40 B           22.0 B         22.0 B         50.1 U         U         2.70 B         2.70 B         1.70 U         U         2.04 U         U         2.88.9 U         U         2.20 U         U         88.9 U         U         9.3000 U         U         9.	ER         2.20 B         10.1 B         1.80 U         U         9.30 B         P           22.0 B         54.1 B         50.1 U         U         20.5 B         1.70 U         U           4ESTUM         88.9 U         U         88.9 U         U         226 U         U         88.9 U         U           3ANESE         0.7700 B         3.00 B         3.00 B         1.30 U         U         2.70 B         U           3L         0.9000 U         U         0.9000 U         U         2.90 U         U         0.9000 U         U           SSIUM         194 U         U         4.00 U         U         4.90 U         U         4.00 U         U	OBALT		n	n		
22.0 B         54.1 B         50.1 U         U         20.5 B         20.4 U           TESIUM         88.9 U         U         2.70 B         U         1.70 U         U         1.70 U         U           SANESE         0.7700 B         3.00 B         U         2.26 U         U         88.9 U         U         88.9 U         U         1.70 U <td>22.0 B         54.1 B         50.1 U         U         20.5 B         1.70 U         U           JESTUM         88.9 U         U         88.9 U         U         22.6 U         U         88.9 U         U           JANESE         0.7700 B         3.00 B         1.30 U         U         2.70 B         U           SIL         0.9000 U         U         0.9000 U         U         0.9000 U         U           SSRUM         4.00 U         U         4.00 U         U         4.00 U         U</td> <td>OPPER</td> <td>2.20 B</td> <td></td> <td></td> <td>9.30 B</td> <td>3.40 B</td>	22.0 B         54.1 B         50.1 U         U         20.5 B         1.70 U         U           JESTUM         88.9 U         U         88.9 U         U         22.6 U         U         88.9 U         U           JANESE         0.7700 B         3.00 B         1.30 U         U         2.70 B         U           SIL         0.9000 U         U         0.9000 U         U         0.9000 U         U           SSRUM         4.00 U         U         4.00 U         U         4.00 U         U	OPPER	2.20 B			9.30 B	3.40 B
1.70 U   U   1.70 U   U   2.70 B   1.70 U   U   1.88.9 U   U   1.30 U   U   2.50 U   U   2.70 B   2.70 B   2.30 U   U   2.90 U   U   1.93 U   U   2.90 U   U   2.90 U   U   2.90 U   U   2.90 U   U   1.93 U   U   1.93 U   U   2.90 U   U   U   U   2.90 U   U   U   U   2.90 U   U   U   U   U   U   U   U   U   U	IMM         88.9 U         U         1.70 U         U         1.70 U         U           SE         0.7700 B         3.00 B         3.00 B         1.30 U         U         2.90 U         U         2.70 B           A         194 U         U         4.00 U         U         4.90 U         U         4.00 U         U         4.00 U         U	SON	22.0 B	54.1   B	n	20.5 B	
NA         88.9 U U         W         98.0 U U         W         99.000 U U         W         99.000 U U         W         99.0000 U U         W         99.000 U U	NA         88.9 U         U         88.9 U         U         226 U         U         88.9 U         U           SE         3.00 B         3.00 B         3.00 B         3.00 U         U         2.70 B         U           A         194 U         U         193 U         U         4.90 U         U         4.00 U         U	EAD		n	2.70 B		
SE       0.7700 B       3.00 B       1.30 U       U       2.70 B       0.9000 U       0.9000 U         A       194 U       193 U       4.00	SE         0.7700 B         3.00 B         1.30 U         U         2.70 B         A           0.9000 U         U         0.9000 U         U         2.90 U         U         0.9000 U         U           4.00 U         U         193 U         U         4.90 U         U         4.00 U         U	AGNESIUM					
A $0.9000$ U $0.90000$ U $0.9000$ U $0.90000$ U $0.90000$ U $0.90000$ U $0.90000$ U $0.90000$ U $0.90000$ U $0.900000$ U $0.900000$ U $0.900000$ U $0.9000000$ U $0.9000000$ U $0.90000000$ U $0.90000000$ U $0.900000000$ U $0.90000000000$ U $0.900000000000000000000000000000000000$	A         0.9000 U         U         0.9000 U         U         2.90 U         U         0.9000 U         U           A         194 U         U         193 U         U         213 U         U         193 U         U           4.00 U         U         4.00 U         U         4.00 U         U         4.00 U         U	AANGANESE	0.7700 B	3.00 B		2.70 B	0.8000 B
4         194 U         U         193 U         U         213 U         U         193 U         U         193 U           4.00 U         U	4         194 U         U         193 U         U         213 U         U         193 U           4.00 U         U	ICKEL					
4.00 U U 4.00 U U 4.90 U U 4.90 U U 4.00 U U 4.00 U	4.00 U U 4.00 U U 4.00 U U 4.00 U	OTASSIUM		n	n		
		ELENIUM		n	D	n	n

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

# GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

DD   SOZDCE   SORDCE   SORDC	EPA NO	S02DCE	S08DCE	S14DCE	S16DAE	S27DCE
100/197   100/	OGDEN ID	SOZDCE	S08DCE	S14DAE	SIGDAE	S27DCE
CURY   CONTINUED   CURY   CU	Date Sampled	10/6/01	10/1/97	7/21/97	9/30/97	10/6/97
Mainted	Depth					
1.10 U U 1.110 U U 1.130 U U 1.180 U U 1.10 U 1	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
1.10 U U 1.10 U U 1.80 U U 1.20 U U 1.2	IM40 (UG/L) Continued					
431 U U 431 U U 5.00 U U 7.10 U U 1.20 U U U U 1.20	SILVER					1.10 U U
6.00 U U 1.20 U U 3.50 U U 3.50 U U 1.20 U U 5.10 B UJ B 1.20 U U U 1.20 U U U 0.1000 U U 0 0.1000 U U U 0.1000 U 0.1	SODIUM				n	430 U
1.20 U U 5.10 B UJ B 1.20 U U U U 1.20 U U U U U 0.1000 U	THALLIUM					0 D 00.9
0.1000 U U 0.1000 U U 0.1000 U U 0.1000 U U	VANADIUM					1.20 U U
0.1000 U U U 0.1000 U U U 0.1000 U U U U 0.1000 U U U U U U U 0.1000 U U U U U U U U U U U U U U U U U U	ZINC		UJ		E	3.80 B
	IM40HG (UG/L)					
	MERCURY					0.1000 U
-						
	T. WIMIRIS NAPSHOTIVALID.	ATD/98MAR01\GROUPC.DB (146c	of 1466 records) 03/03/98 14	1:29.1 read by eshein	O-Jee Familia	ol and Unormy Commi

T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

NO   NO   NO   NO   NO   NO   NO   NO	pled 10/1 W0		The same of the sa		-					THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	
The color of the	ampled  d  d  Ae  Ae  A (MGL)	_		WOIDDL		WOIMLE	WOIMMA			WOIMME	
### CONTROL OF THE PARTY NAME	d (AGL)			10/1/97		9/29/97	9/29/97			9/29/97	
The contract   Local Decided   Local Decided   Contract   Local Decided   Contract   Local Decided   Local Decided   Contract   Local Decided	e (MG/L)										
4, AMMONIA (AS N) 5, CO U 5, CO U 6, CO U 7 4, AS O U 7 5, CO U 7 5, CO U 7 6, CO U 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 THE CONT.	TICAL LAB REV	QUAL	LAB	VL CODE	LAB REV QUAL QUAL	ANALYTICAL	AB REV	QUAL CODE	ANALYTICAL LAB RESULT QUAL	LAB REV QUAL QUAL QUAL QUAL QUAL
4, AMMONIA (AS N)  4, AMMONIA (AS N)  4, AMMONIA (AS N)  4, 0, 0, 0, 0, 0  5, 0, 0, 0  5, 0, 0, 0  5, 0, 0, 0  7, 1, 0, 0  1, 1, 0  1, 1, 0, 0  1, 0, 0  1, 0, 0  1, 0,	CA DAY OF THE CA										
MY SAME SAME AND ALLONG HOPH 1.40  MY SAME SAME AND ALLONG HOPH 1.300 HOPH 1.			*2				0.0200 U			0.0300	
MATOTAL ORTHOPH 1.40   3.600   1   1.00   1.	3.2M (MG/L)										
3.500 U U $\frac{3.660}{2}$ $\frac{1}{2}$		0020					0.0100 U			0.0100 U	n
ALICAL ORTHOPH         1.40         ALICAL OR HOPH	5.2 (MG/L)										
M 3,660  Y 2.90 U 3,560  Y 2.90 U 3,500		1.40					0.0100	r	E	0.0100 U	n
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	AN (UG/L)										
M         3,660         534         21.9 U U         22.90 U U							5.00 U			5.00 U	n
NUM	40 (UG/L)										
MONY         2.90 U         U         U         2.90 U         U         2.90 U         U         2.90 U         U         2.90 U         U         3.70 B         J         4.0           MIC         18.6 B         J         *10         2.50 U         U         U         14.7 B         J         *10         U         14.7 B         J         *10         U         U         14.7 B         J         *10         U		099,		534			298			21.9 U	n
NIC 2.60 B J *10		n					2.90 U			2.90 U	n
JM         18.6 B         4.10 B         4.10 B         3.60 U         4.7 B         4.7 B         6.1000 U         4.10 B         4.10 B         4.10 C			01*	2.50 U U			3.70 B		01*	2.50 U	n
LLIUM O.4000 U U U T.30 B T.30		18.6 B		6.10 B J	01*		14.7 B			3.60 U	n
HUM         0.4000 U         U         I.30 B         1.30 B         1.33 B         0.4000 U         U         0.4000 U         U         O.4000 U         O.440 B         O.440 B         O.440 B         O.440 B         O.4400 U         O.440 B			В				0.1000 U			0.1000 U	n
UMM         4,450 B         3,990 B         3,990 B         183 B         1,850 B         1,850 B         0.9000 U         1,850 B         1,850 B         0.9000 U         0         1,700 B         1,700 B         1,700 B         1,700 U         0 </td <td></td> <td></td> <td></td> <td>1.30 B</td> <td></td> <td></td> <td>0.4000 U</td> <td></td> <td></td> <td>0.4000 U</td> <td>n</td>				1.30 B			0.4000 U			0.4000 U	n
MATUM, TOTAL         33.2         2.00 B         2.00 B         4.00 B         4.00 B         4.10 B         4.1		,450 B		3,990 B		183 B	1,850 B	61		131 B	
LT 2.40 B J *10		33.2		2.00 B			2.00 B	-		U 0006.0	D
ER 4.00 B 1.10 U G 20.4 U U I.380 F.*10  2.60 B J *10 I.70 U U I.70 U II.70 U III.70 U II.70 U III.70 U II.70 U III.70 U IIII.70 U III.70 U III.70 U III.70 U III.70 U III.70 U III.70 U IIII.70 U III.70 U III.70 U III.70 U III.70 U III.70 U III.70 U IIII.70 U III.70 U IIII.70 U IIII.70 U IIII.70 U IIII.70 U IIII.70 U IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			01*				1.70 B	5	01*	1.30 U	D
3,870   3,870   580   20.4 U U   1,380   1,380   1,380   1,380   1,400 B   1,70 U U   1,50		4.00 B				9.20 B	I.70 B	5	F, *10		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		,870		580			1,380			20.4 U	D
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			01*				U 07.1			1.70 U	D
E 116 81.3 0.8200 B 216 0.9000 U U 0.9000 U U B 0.9000 U U 0.9000 U U B 0.9000 U U 0.9000 U U B 0.9000 U U 0.9000 U		,430 B		1,690 B			937 B			U 6.88	Ω
4.30 B       1.20 B       J       *10       0.9000 U       U       0.9000 U       UJ       B         2,170 B       1,460 B       UJ       B       193 U       U       I,440 B       O		911		81.3		0.8200 B	216			0.6500 B	
<b>2,170 B</b> 1,460 B UJ B 193 U U I 1,440 B		4.30 B			01*		U 0006.0			U 0006.0	D
		,170 B					1,440 B			193 U	n
4.00 U UJ *2 4.00 U UJ *2 4.00 U U U UJ *2	SELENIUM	4.00 U UJ	*2	4.00 U UJ	1 *2	4.00 U U	4.00 U	D I		4.00 U	Ω

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

EPA NO	W01DDA	WOIDDL	W01MLE	W01MMA	W01MME
OGDEN ID	W01DDA	W01DDL,	WOIMLE	WOIMMA	W01MME
Date Sampled	10/1/97	76/1/01	9/29/97	9/29/97	9/29/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL TAB REV QUAL RESULT QUALQUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (UG/L) Continued SILVER	1.10 U	1.10 U	1.10 U U	1.10 U	1.10 U
SODIUM	10,500	10,600	431 U U	2,660	431 U U
THALLIUM	0 00.9	0.00 U		0.00 U	0 00.9
VANADIUM	6.90 B	'n	1.20 U U	7	n n
ZINC IM40HG (UG/L)	25.0	7.80 B UJ B	6.60 B UJ B	9.90 B UJ B	5.10 B UJ B
MERCURY	0.1000 U UJ B	0.1000 U UJ B	U U 0001.0	0.1000 U B	0.1000 U
T:\MIMR\SNAPSHOT\VALIDA T:\MIMR\SNAPSHOT\VALIDA <prg not="" selected="" table=""></prg>	T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\GR\0UPC.DB\(1466\) of 1466 records\) 03/03/98\; 14:29.1\ read\) by cshein T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\COC.DB\(1979\) records\) 03/05/98\; 15:05.2 <prg\table\) not\(selected=""></prg\table\)>	5 of 1466 records) 03/03/98 1 ords) 03/05/98 15:05.2	4:29.1 read by cshein	Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

AA AA		E A T	W01SSA 9/30/97  ANALYTICAL LAB REV QUAL RESULT 0.0200 U UJ *2  0.0300  0.0300  1 E  5.00 U UJ Q	W01SSD 9/30/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE 0.0200 U UJ *2	AL CODE
32.1 B J 2.90 U U 2.50 U U U 11.000 U U U U U U U U U U U U U U U U U U		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  21.9 U U	30,0200 30,0200 30,0300 30,0100	.0200	AL CODE
32.1 B J 12.90 U U U U U U U U U U U U U U U U U U U	obe.	ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE CODE CODE CODE CODE CODE CODE CODE	0.0200 U UJ *2 0.0300 0.0300 0.0300 0.0300 0.0300 0.0300 0.0300	ANALYTICAL LAB RE RESULT QUAL,	AL CODE
11. CAL LAB REV OUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL Q	DUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	ANALYTICAL LAB REV QUAL CODE  0.0200 U UJ *2  0.0300  0.0100 J E  5.00 U UJ Q	ANALYTICAL LAB RE RESULT QUAL OU 0.0200 U U	AL CODE
<b>7</b> D D E	01*		n n		
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<b>,</b> DD =	01.			5.00 U UJ	0
<b>,</b> D D E	01*				
			120 B	III B	
	_	2.90 U U	2.90 U U	2.90 U U	
	_	2.50 U U	2.50 U U	2.50 U U	
		3.60 U U	17.8 18	17.6 B	
		0.1000 U	0.1000 U	U 0001.0	
0.4000 U		0.4000 U U	0.4000 U U	0.4000 U	
2,040 B		99.1 U U	2,060 B	2,060 B	
0.9000 U		U 00000.0	U U 00000.0	2.00 B	
1.70 B J	01.	1.30 U U	1.90 B J *10	I.90 B J	*10
1.80 B J	F, *10	10.4 B	1.10 U U	1.40 B J	F,*10
268		20.4 U U	441	439	
1.70 U UJ	1,2	1.70 U U	1.70 U		
1,330 B		U U 0.88	1,340 B	1,350 B	
254		0.5600 B	256	256	
0.9000 UJ	<b>*</b>	U 00006.0	1.30 B J B,*10	U 0006.0	B
2,650 B		U U E61	2,740 B	2,700 B	
4.00[1]					
0000 U 00	ם ה ה ה מ מ מ		U  U  0.1000 U  0.4000 U  0.4000 U  1.30 U  1.31 U  1.31 U  1.32 U  1.33 U  1.34 B  1.35 U  1.30 U  1.30 U  1.31 U  1.31 U  1.32 U  1.33 U  1.34 U  1.34 U  1.35 U  1.35 U  1.35 U  1.36 U  1.37 U  1.38 U  1.39 U  1.30 U	U	U 5.30 U U 6.1000 U U 6.100 U C 6.100 U U 6.100 U U 6.100 U C 6.100 U U 6.100 U C 6.100 U U 6.100 U U 6.100 U U 6.100 U U 6.100 U C 6.100 U U 6.100 U C 6.100 U U 6.100 U C 6.100 U U 6.100 U C 6.100 U U 6.100 U C 6.100 U U 6.100 U C 6.100 U C 6.100 U U 6.100 U C 6.100 U U 6.100 U C 6.100 U U 6.100 U U 6.100 U U 6.100 U C 6.100 U 6.100 U C 6.100 U C 6.100 U C 6.100 U U 6.100 U C 6.100 U C 6.100 U U 6.100 U C 6.

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

EPA NO	WOIMML	W01SLD	W01SLE	W01SSA	W01SSD
OGDEN ID	WOIMML	WOISLD	WOISEE	W01SSA	W01SSD
Date Sampled	9/29/97	9/30/97	9/30/97	9/30/97	9/30/97
Depth					,,
Method Analyte	ANALYTICAL JAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
IM40 (UG/L) Continued					
SODILIM	0 0 0 0 0	0 0 0 0 1 1	43111 11	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0
THALLIUM	U U 00.8	0 0 0 0 O		0.00 U	0.00 U
VANADIUM					
ZINC	6.20 B UJ B	5.30 B UJ B	4.40 B UJ B	4.00 B UJ B	6.60 B UJ B
IM40HG (UGA) MERCURY	0.1000 U UJ B	0.1000 U UJ B	0.1000 U	0.1000 U B	0.1000 U UJ B
T:\MMR\SNAPSHOT\VALID	TAMMRASNAPSHOTIVALIDATID/98MAR01\GROUPC.DB (1466 of 1466 records) 03/03/98 14:29.1 read by cshein	6 of 1466 records) 03/03/98 14	29.1 read by cshein	Ooden Environment	al and Enerov Services
T:\MMR\SNAPSHOT\VALID\ <prg not="" selected="" table=""></prg>	T:IMMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB\(1979\) records)\03/05/98\15:05.2 <====================================	ords) 03/05/98 15:05.2	(		Technical Infor

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

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LI *2 COUNT CODE U		SLE
AMANTICAL LAB REY QUAL  S. TOTAL ORTHOPH  O 0 10 0 U  2 6 0 U  2 5 0 U  2 5 0 U  2 5 0 U  3 6 0 U  2 5 0 U  3 6 0 U  3 6 0 U  4 5 0  5 0 0 U  4 5 0  C 10 0 U  5 0 0 U  7 7 1 13 0 U  7 8 8 9 U  1 7 0 0 0 0 0 0 U  1 7 1 10 U  1 8 8 9 U  1 1 1 0 U  1 1 3 0 U  1 1 4 1 1 U  1 1		
AMMONIA (AS N) 0 0 0 200 U U U 0 0 0 0 0 0 U U 0 0 0 0	è	
S, TOTAL ORTHOPH 0.0100 U U 0.0200 U U 0.0200 U U 0.0200 U U 0.0100 U U 0.0100 U U 0.0200 U U 0 0.02	ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL RESULT QUAL CODE RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
AMMONIA (AS N) 0.0200 U U 0 0.0		
S, TOTAL ORTHOPH		
M  26.4 B  2 2.90 U  Y  2 2.90 U  Y  2 2.90 U  U  3 6.01000 U  U  4 6.01 U  3 6.01000 U  U  4 6.01 U  4 6.	•	
RUS, TOTAL ORTHOPH 0.0100 U U U 2.90 B MA TOTAL 0.9000 U U 0 0.9000 U U U 2.30 B J 1.10 U U 2.30 B J 1.10 U U 1.10 U 1	5	
Mathematical Properties   Mathematical Pro	0.0100	
M 264 B 79.8 B 79.8 B 79.8 B 79.9 U 72.90 U 72		
M 2.56 U U 2.50 U U 3.60 U U 3		
10 n n n n n n n n n n n n n n n n n n n		
* * * * * * * * * * * * * * * * * * *	21.9 U U	21.9 U U
*2	U 2.90 U	2.90 U U
	UJ *2 2.50 U U	2.50 U U
	25.5 8	3.60 U U
	U 0.1000 U	0.1000 U
	U 0.4000 U	0.4000 U U
	8,170	89.1 U U
	U U 00000 U	U U 0006.0
ם ח	1.30 U U 1.30 U U	1.30 U U
n n	U 1.60 B J *10	13.3 B
ם ח	23.9 B J *10	22.3 B
Ω	U U U I.70 U	1.70 U
n n	3,960B	U U 6.88
n n	98.2	0.5400 B
n	U 8.10B	1.10 B
<u>D</u>	2,470 B	193 U U
	U 4.00 U U	4.00 U U
	Ogden Environmental and Energy Services	nd Energy Service
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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EPA NO	W01SSE	W01SSL	WISDDA	WISDDL	WISSLE
OGDEN ID	W01SSE	W01SSI.	W15DDA	W15DDL,	WISSLE
Date Sampled	9/30/97	9/30/97	10/9/97	10/6/61	
Depth					٤
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (UGL) Continued					
SILVER		1.10 U	1.10 U	1.10 U U	
SODIUM					
THALLIUM	0 00.00 U	U U 00.9	0.00 U U	0 00.00 n	0.00 U
VANADIUM	1.20 U U	1.20 U U	1.20 U U	1.20 U U	1.20 U U
ZINC	4.80 B UJ B	4.50 B UJ B	3.10 B J *10	П О П О П	4.10 B
IM40HG (UG/L)	1100010	H 111 110001 0	11 0001 0	111 11100010	11 0001 0
		2	,	)	
T:\MMR\SNAPSHOT\VALIDA' T:\MMR\SNAPSHOT\VALIDA' <prg not="" selected="" table=""></prg>	T:MMR\SNAPSHOT\VALIDATD\98MAR\01\\GR\01\PC.DB\(1466\) of 1466 records) \(\tilde{0}3/03/98\) 14.29.1 read by cshein T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\\COC.DB\(1979\) records) \(03/05/98\) 15:\(05.2\) <prg not="" selected="" table=""></prg>	of 1466 records) 03/03/98 14 rds) 03/05/98 15:05.2	:29.1 read by cshein	Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

OGDEN ID W15SSA	WISSSA		WIJSSE				VOOCEM		ACICC W		
	SSA		W15SSE	W15SSL	!	1	W9506A		W9515A		
Date Sampled	76		10/8/97	10/8/97			10/17/97		10/17/97		
Depth											
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LEV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL CODE	V QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	EV QUAL	ANALYTICAL LAB RESULT QUA	LAB REV QUAL QUAL	QUAL
350.2M (MG/L)											
AMMONIA (AS N)	0.0300 U	D	0.0300				0.0300	F	0.0200	5	F
353.2M (MG/L)											
NITRATE/NITRITE (AS N)	0.0100 U	n	0.0100 U				0.0800	F	0.0400	7	F
			1						1		
US, TOTAL ORTHOPH	0.0100		0.0100				0.0500	×	1.15	<u>-</u>	×
CYANIDE CVANIDE	5 00 11	11	5 00 11				1 11 00 5		5 00 11	=	
IMAO (IICA)							)			)	
ALIMINIM	21911		219 [1]	2	11 9 11		21911		70 7 B		
ANTIMONY			) D						4.90 B	ř	01×
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BARITM			=		~		~		S 10 R	_	*10
MD				0.10	0.1000 U		m	UJ B	0.2100 B	n	<u> </u>
		n	0.4000 U	0.40	0.4000 U U			D	0.4000 U	D	
CALCIUM	1,160 B		89.1 U U	I.	1,160 B		1,720 B		1,480 B		
CHROMIUM, TOTAL		n	U 00000.0	0.00	0.9000 U		U 0006.0	UJ B	0.9000 U	D	В
COBALT	1.30 B	01* 1	1.30 U U		1.30 U		1.30 U	D	1.30 U	n	
COPPER	1.10 U	n	14.7 B	7	1.30 B J	F,*10	1.80 B	UJ B	3.70 B	m	В
IRON	150		20.4 U U		126		14,600		26,700		
LEAD	1.70 U	n	U 0 07.1	_	1.70 U		1.70 U	n	3.80		
MAGNESIUM	1,380 B		U U 0.88	I,	I,360 B		1,280 B		951 B		
MANGANESE	167		0.5300 B		165		113		911		
NICKEL	2.90 B		U 00000 U	5	3.20 B J	F	5.30 B		10.0 B		
POTASSIUM	1,290 B		U U E61	I,	,320 B		821 B	UJ B	776 B		
SELENTUM	4.00 U	n	4.00 U U	4	4.00 U U		4.00 U	n	4.00 U	n	*2

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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D   W9515E   W701LE	TID W9	515E	W9515L 10/17/97		VC10LE 0/7/97	WC10XA		WC10XE 10/7/97	1
### Property of the control base in the contro	10/1	1797	10/17/97		76/7/0	10/7/01		10/7/97	1
64 CACTJ  64 CACTJ  65 CACTJ  66 CACTJ  66 CACTJ  67 CAC						1011131			
e         ANALYTICAL LAB BEN GOAD         ANALYTICAL LAB								1	
US, TOTAL ORTHOPH 0.0100 U U U 21.9 U U 22.9 U U		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUALQUA	QUAL CODE	REV QUAL	ANALYTICAL LAB RESULT QUAL	REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	COL
ATTOTAL ORTHOPH 0.0100 U U 5.000 U U 0.0000 U U 5.000 U	350.2M (MGL)								
THETTE (AS N) 0.0100 U U U 21.9 U U 21.9 U U 21.9 U U 21.9 U U 22.90 U U 22.	NITROGEN, AMMONIA (AS N)	0.0300				0.1100		0.0300	
TITRITE (AS N) 0.0100 U U U 21.9 U U 21.9 U U 22.90 U U U 22.90 U U U U U 22.90 U U U U 22.90 U U U U U 22.90 U U U U 22.90 U U U U U 22.90 U U U U 22.90 U U U U U 22.9	353.2M (MG/L)								
## Color   Col	NITRATE/NITRITE (AS N)					0.0100 U	ם	U 0.0100 U	
ASTORIA OCTION UNDERTROPH OCTI	365.2 (MG/L)					1			
M 21.9 U U 22.0 U U 3.20 B Y 2.50 U U 3.60 U U 3	PHOSPHORUS, TOTAL ORTHOPH					0.5200		0.0100 U	
M 21.9 U U 3.20 B J 4. 10 22.90 U U 3.20 B J 5.00 U J 5.0	CYAN (UGA)								
M         21.9 U         U         3.20 B         J         *I0         21.9 U         U         114 B         2.90 U         U         0.900 U         U         0.900 U         U         0.900 U         U         0.900 U         0.900 U         U         0.900 U         0.900 U         U         0.900 U	CYANIDE							5.00 U U	
NOM	IM40 (UG/L)								
4ONY         2.90 U         U         3.20 B         J         *10         2.90 U         U         2.90 U         U           AIC         2.50 U         U         2.50 U         U         3.60 U         U         7.10 B         J         *10           ILIUM         0.2200 B         U         0.2200 B         U         U         0.4000 U         U         0.4000 U         U         0.4000 U         U         0.0000 U         U         0.4000 U         U         0.4000 U         U         0.0000 U         U         0.4000 U         U </td <td>ALUMINUM</td> <td></td> <td>21.9 U U</td> <td></td> <td></td> <td>114 B</td> <td></td> <td></td> <td></td>	ALUMINUM		21.9 U U			114 B			
NIC         2.50 U         U         2.50 U         U         B         2.50 U         U         C.10 B         J         B,*2           IM         3.60 U         U         3.60 U         U         3.60 U         U         5.80 B         J         *10           LLIUM         0.2200 B         U         0.2200 B         U         *10         0.4000 U         U         0.4000 U<	ANTIMONY		3.20 B J	01*		2.90 U		2.90 U U	
MA   3.60 U U   3.60 U U   3.60 U U   0   3.60 U U   0   0.1000 U   0.1000 U   0   0.1000 U	ARSENIC					7.10 B		2.50 U U	
LLIUM 0.2200 B UJ B 0.2200 B UJ B 0.1000 U U 0.4000 U U  ILIOM 89.2 U U 89.2 U U 89.2 U U 89.1 U U 89.40  ILIOM 0.9000 U U 8,640  ILIOM 0.9000 U U 1.30 U U	BARIUM					5.80 B		3.60 U U	
IUM	BERYLLIUM	m				0.1000 U	D	0.1000 U	
UM   89.2 U   U   1,500 B   89.1 U   U   8,640   MIUM, TOTAL   0.9000 U   U   0.9000 U   U   0.9000 U   U   0.9000 B   J *10   U   1.30 U   U   1.30 B   J   F,*10   U   3,390   U   U   436   U   U   436   U   U   436   U   U   U   U   U   U   U   U   U	CADMIUM			01*		0.4000 U	n	0.4000 U U	
MIUM, TOTAL 0.9000 U U 0.9000 U U U B 0.9000 U U 0.9000 B J *10 0.9000 U U 0.9000 U 0.9000 U U 0.9000	CALCIUM	n	1,500 B		n	8,640		89.1 U U	
LT 1.30 U U 1.40 B J *10 1.30 U U 1.30 B J $F,*10$ 3.30 B $J,*10$ 3.390 20.4 U U 436	CHROMIUM, TOTAL					0.9000 B		U 0.9000 U	
3.30 B UJ B 2.30 B UJ B 3.39 B 1.90 B J F,*10	COBALT			*10		1.30 U	n	U.30 U	
20.4 U U 3,390 20.4 U U 436	COPPER	m		M	3.30 B	1.90 B		4.40 B	
	RON		3,390			436		20.7 B	
1.70 U U 1.70 U U 1.70 U U	LEAD	1.70 U U	U U 07.1		1.70 U	1.70 U	n	U U 07.1	
MAGNESIUM 88.9 U U 3,170 B 88	MAGNESIUM		954 B			3,170 B		U U 6.88	
MANGANESE 0.4000 U U 87.5 0.4000 U U 322 0.420	MANGANESE		87.5			322		0.4200 B	
NICKEL 0.9000 U U 8.70 B 0.9700 B 1.30 B J F,*10 1.5	NICKEL		8.70 B		0.9700 B	1.30 B		1.50 B	
POTASSIUM 193 U U 704 B 193 U U 1,770 B 19	POTASSIUM		704 B			1,770 B		U U E61	
SELENIUM 4.00 U U 4.00 U U *2,Q 4.00 U U 4.00 U U 4.00 U U 4.00 U U	SELENIUM					4.00 U	n	4.00 U U	

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

EPA NO	W9515E	W9515L	WC10LE	WC10XA	WC10XE
OGDEN ID	W9515E	W9515I.	WC10LE	WC10XA	WC10XE
Date Sampled	10/17/97	10/17/97	76/2/01	10/7/97	10/7/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESUL, T QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
IM40 (UG/L) Continued					
SILVER	1.10 U U	1.10 U	1.10 U U	1.60 B J *10	1.10 U U
SODIUM	431 U U	7,040	430 U U	10,000	430 U U
THALLIUM	6.00 U U	6.00 U U	U U 00.9	U U 00.9	00.00 U
VANADIUM	1.20 U U	1.20 U U	1.20 U U	1.20 U U	1.20 U U
ZINC	10.2 B UJ B	4,620	2.70 B	3.50 B J F,*10	2.00 B
IM40HG (UG/L)				b	
MERCURY	0.1000 B	0.100010	0.10001.0	0.1000 0.3 B	0.1000 0
FIMMRISNAPSHÖTIVALID	T:\MMR\SNAPSHOT\VAI.JDATI\)\98MAR\01\\GR\OUPC.\DI\3\((1466\)\of\1466\records\)\03\\03\\9\(1400\)\03\\03\\9\(1466\)\03\\03\\03\\03\\03\\03\\03\\03\\03\\0	of 1466 records) 03/03/98 14	29.1 read by cshein		
E:\MMR\SNAPSHOT\VALIE	T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	rds) 03/05/98 15:05.2		Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

EPA NO	WC10XL	WCIIXA		!	WC11XL		WCSEXA		WC5EXL	
OGDEN ID	WC10XL	WC11XA	V		WCIIXL		WCSEXA		WCSEXL	
Date Sampled	10/7/97	10/2/97			10/2/97		10/6/97		10/6/97	
Depth										
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ev QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL QUAL CODE	ANALYTICAL LAB REV OR RESULT QUALQUAL	QUAL L CODE	ANALYTICAL LAB R RESULT QUAL	LAB REV QUAL QUAL QUAL QUAL CODE
350.2M (MG/L)			· · · · · ·							
NITROGEN, AMMONIA (AS N)			0.0200 U	UJ *2			0.0200 U U			
353.2M (MG/L)										
NITRATE/NITRITE (AS N)		0	0.0200				0.0200			
365.2 (MG/L)										
PHOSPHORUS, TOTAL ORTHOPH	H	9	0.0100				0.0300			
CYAN (UGL)			5 00 11				S 00 11	C		
Mag alca)								У		
ALIMINIM	21.9 U		62.7 B	UI B	45.7 B	UI B	21.9 [U		21917	
ANTIMONY			D							
ARSENIC	S.10 B J B	B, *2	2.50 U U		2.50 U	U	2.50 U U		2.50 U	n
BARIUM	5.20 B J *	*10	6.30 B J	01.	6.30 B	01* f	3.60 U U		3.60 U	n
BERYLLIUM	0.1000 U	0	0.1000 U	UJ B	0.1000 U	UJ B	U U 0001.0		0.1000 U	n
CADMIUM	0.4000 U	0	0.4000 U U		0.4000 U	n	0.4000 U U		0.4000 U	n
CALCIUM	8,830		1,540 B		1,550 B		1,470 B		1,490 B	
CHROMIUM, TOTAL	U U 00000.0		1.10 B J	øI*	U 00006.0	n	U 00006.0		U 0006.0	n
COBALT	1.30 U U		1.30 U U	_	1.30 U	n	1.30 U U		1.30 U	n
COPPER	U U 01.1		1.10 U U		9.30 B		1.10 U U		1.20 B	01* f
RON		-	23.7 B J	<i>01</i> *		n				n
LEAD	U U 07.1		1.70 U U		U.70 U	n	1.70 U U		1.70 U	n
MAGNESIUM	3,240 B		1,130 B		1,130 B		1,050 B		1,060 B	
MANGANESE	329		27.7		27.7		2.10 B		2.20 B	
NICKEL	1.10 B J F	F, *10	1.10 B J	01*	1.80 B	01* f	U 00000 U	В	U 0006.0	UJ B
POTASSIUM	I,980 B		753 B U	UJ B	947 B	UJ B	809 B		537 B	
SELENIUM	4.00 U		4.00 U	UJ *2	4.00 U	UJ *2	4.00 U UJ	В	4.00 U	UJ B
T:MMR\SNAPSHOTIVALIDATD\98MAR01\GROUPC.DB (1466 of 1466 records) 03/03/98 14:29.1 read by cshein	8MAR01\GROUPC.DB(	466 of 1466	records) 03/	03/98 14	29.1 read by cshein	-			ond Enormy	
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

The property   The	102.097   1002.997   1002.997   1002.997   1002.997   1002.997   1002.997   1002.997   1002.997   1002.997   1002.997   1002.998   1002.997	EPA NO	WC10XL	WC11XA	WC11XL	WCSEXA	WCSEXL
100   100	107/97   1	EN ID	WC10XL	WCIIXA	WCIIXL	WCSEXA	WCSEXL
CG1) Continued	Continued	Sampled	10/7/97	10/2/97		10/6/97	10/6/97
Cart   Continued   Cart	CGLJ, Continued  RESULT GOLD,						
9,940 U 5,230 U 6,000 U 6,000 U 1,200	### ##################################	od lyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
9,940	1.10   U   U   U   U   U   U   U   U   U	(UG/L) Continued					
9,940	9,940	VER					
600 U U B 600 U U U U U U U U U U U U U U U U U U	6.00 U U U 1.20 U	NIUM	9,940	5,230	5,150	4,820 B	5,100
1.50 U U D 5.20 B UJ B 6.00 B UJ B 8.80 B	1.20 U U 5.20 B UJ B 6.00 B UJ B 0.1000 U UJ B 0.1000 U UJ B 0.1000 U UJ B 0.1000 U UJ B HOTVALIDATD98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	ALLIUM	n				
1.90 U U B 6.00 B UU B 6.00 B UU B 6.20 B 0.1000 U UU B 6.1000 U U U U U U U U U U U U U U U U U U	1.90 U U B 0.1000 U UJ B 0.100	NADIUM					
0.1000U UJ B	0.1000 U UJ B 0.1000 U UJ B 0.1000 U UJ B 0.1000 U UJ B  HOTVALIDATDV98MAR01VGROUPC DB (1466 of 1466 records) 03/03/98 14.29.1 read by cshein	D		m	m	8.80 B	6.20 B
	3/98 14:29.1 read by cshein	<b>НG (UG/L)</b> RCURY	5	Б	UJ	m	m
	3/98 14:29.1 read by cshein						
	•	AR\SNAPSHOT\VALIDATD	198MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2			30
		table not selected>					

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

ON AGE	WC6ELD	WC6FLE		WC6EXA		WC6EXD		WC6EXE	
OGDEN ID	WC6ELD	WCGELE		WC6EXA		WCGEXD		WC6EXE	
Date Sampled	10/3/97	10/3/97		10/3/97	-	10/3/97		10/3/97	
Depth									
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AL ANALYTICAL LAB REV QUAL DE RESULT QUAL QUAL CODE	V QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	JAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL
350.2M (MG/L)									
NITROGEN, AMMONIA (AS N)				0.0200 U UJ *2	2	0.0200 U	UJ *2	0.0200 U	
353.2M (MG/L)									
NITRATE/NITRITE (AS N)				0.0200		0.0200		0.0100 U	
365.2 (MG/L)									
PHOSPHORUS, TOTAL ORTHOPH	PH H			0.0200		0.0100 U	n	U 0.0100 U	
CYAN (UGL)									
CYANIDE				5.00 U U		5.00 U	n	5.00 U	
IM40 (UG/L)									
ALUMINUM	46.6 B UJ B	38.5 B UJ	J B	38.5 B UJ B		42.0 B	UJ B	38.5 B UJ	В
ANTIMONY	2.90 U U	2.90 U U		2.90 U U		2.90 U	n	2.90 U U	
ARSENIC	2.50 U U	2.50 U U		2.50 U U		2.50 U	n	2.50 U U	
BARIUM	5.30 B J *1	v 10 09.€ 3.60 U U		5.10 B J *1	01*	S.00 B	01* f	3.60 U	
BERYLLIUM	0.1000 U UJ B	0.1000 U		0.1000 U B		0.1000 U	UJ B	0.1000 U	
CADMIUM	0.4000 U U	0.4000 U U		0.4000 U U		0.4000 U	n	0.4000 U U	_
CALCIUM	915 B	89.1 U U		919 B		916 B		U U I I	
CHROMIUM, TOTAL	U 00006.0	U 00006.0		1.20 B J *1	01*	U 00006.0	n	U 00000.0	
COBALT	1.30 U U	1.30 U		1.30 U U		1.30 U	n	1.30 U U	
COPPER	1.10 U U	2.40 B		U U U		1.10 U	n	3.00 B	
IRON	20.4 U U	20.4 U U		20.4 U U		20.4 U	n	20.4 U U	
LEAD	U U U	U 0 0 1.70 U		U U U		1.70 U	U	U U 07.1	
MAGNESIUM	900 B	U U 6.88		915B		916 B		U U 6.88	
MANGANESE	2.40 B	0.4000 U		2.40 B		2.30 B		0.4000 U U	
NICKEL	U U 0006.0	U 00000 U		U 00000.0		U 0006.0	n	1.40 B	
POTASSIUM	907 B UJ B	426 B UJ	J B	922 B UJ B		986 B	UJ B	377 B UJ	В
SELENIUM	4.00 U UJ *2	4.00 U U		4.00 U UJ *2	2	4.00 U	UJ *2	4.00 U U	
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

10/3/97   10/3	EPA NO	WC6ELD	WC6ELE	WC6EXA	WC6F.XD	WC6EXE
1003/97   1003	SDEN ID	WCGELD	WC6ELE	WCGEXA	WC6EXD	WC6EXE
A	te Sampled	10/3/97	10/3/97	10/3/97	10/3/97	10/3/97
Cartification   Cartificatio	hth					
1.10 U U U 1.10 U U 1.20 U	ethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
4,550 B         4,500 B         4,500 B         4,500 B         4,500 B         431 U           6.00 U         U         6.00 U         U         6.00 U         U         6.00 U         U         6.00 U         U         6.00 U         U         6.00 U         U         1.20 U<	140 (UGA) Continued SILVER					
6.00 U U G.00 U U U G.00 U U U G.00 U U G.00 U U G.00 U U G.00 U U U G.00 U U G.00 U U U U G.00 U U U	SODIUM			4,290 B		
0.1000 U UJ B 6.10B UJ B 6.50B UJ B 11.4B UJ B 4.50B UJ B 6.1000 U UJ B	THALLIUM					
0.1000 U UJ B 0.1000 U U UJ B 0.1000 U UJ B	/ANADIUM					
0.1000 U UJ B 0.1000 U UJ B 0.1000 U UJ B 0.1000 U UJ B	INC	m	m	D	m	
	<b>40HG (UGA.)</b> Aercury	n		n	n	
	APRG table not selected>	ATD/98/MAKUT/COC.DB (1979 Fee	ords) 05/05/98 15:05.2	(		
1. WINTER, SINAT STOTA DASMINING INCOC. DB (1979 records) 03/03/98 15:03.2  PRG table not selfgeted>	(					

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

OGDEN ID         WCGEXL           Date Sampled         10/3/97           Depth         Analyse           Analyte         RESU           NITROGEN, AMMONIA (AS N)         353.2M (MGL)           NITRATE/NITRITE (AS N)         365.2 (MGL)           PHOSPHORUS, TOTAL ORTHOPH         CYAN (UGL)           CYAN (UGL)         CYANIDE	6EXL. N97  ANALYTICAL LAB REV QUAL. RESULT QUAL QUAL CODE	WC7CLE 10/6/97 ANALYTICAL LAB REV RESULT QUAL QUAL	AL AL	WC7CXE 10/6/97  ANALYTICAL LAB REV QUAL RESULT QUAL (CODE	WC7CXL
ampled  d  d  Ae.  I (MG/L)  COGEN, AMMONIA (AS N)  I (MG/L)  CATE/NITRITE (AS N)  MG/L)  SPHORUS, TOTAL ORTHOPH  (UG/L)  NIDE	LYTICAL LAB REV QUESULT QUAL QUAL CO	ANALYTICAL LAB REV RESULT QUALQUAL	10/7/97 ANALYTICAL RESULT  0.0200  0.0200  0.0100	YTICAL LAB REV	10/7/97
d  d  d  d  d  d  d  d  d  d  d  d  d	ESULT QUALQUAL CO	ANALYTICAL LAB REV RESULT QUAL QUAL	ANALYTICAL RESULT 0.0200 0.0100	LAB REV QUAL QUAL	
e. OGEN, AMMONIA (AS N) (MGL) ATE/NITRITE (AS N) 4GL) PHORUS, TOTAL ORTHOPH UGL)	EVUTT QUAL QUAL QUAL CO	ANALYTICAL LAB REV RESULT QUALQUAL	0.0200 0.0200 0.0100	LAB REV QUAL QUAL	
350.2M (MG/L) NITROGEN, AMMONIA (AS N) 353.2M (MG/L) NITRATE/NITRITE (AS N) 365.2 (MG/L) PHOSPHORUS, TOTAL ORTHOPH CYAN (UG/L) CYANIDE			n n		ANALYTICAL LIAB REV QUAL RESULT QUAL QUAL CODE
NITROGEN, AMMONIA (AS N)  353.2M (MGL)  NITRATE/NITRITE (AS N)  365.2 (MGL)  PHOSPHORUS, TOTAL ORTHOPH  CYAN (UGL)  CYANIDE			n n		
353.2M (MG/L) NITRATE/NITRITE (AS N) 365.2 (MG/L) PHOSPHORUS, TOTAL ORTHOPH CYAN (UG/L) CYANIDE			<b>r</b> n	0.0200 U	
NITRATE/NITRITE (AS N)  365.2 (MG/L)  PHOSPHORUS, TOTAL ORTHOPH  CYAN (UG/L)  CYANIDE			<b>7</b>		
365.2 (MG/L) PHOSPHORUS, TOTAL ORTHOPH CYAN (UG/L) CYANIDE				1.10	
CYAN (UGA.)  CYAN (DA.)					
CYANIDE CYANIDE				0.0300	
CIMMIDE			5.00 11 11	11 1100 5	
TAMO DICA		0			
AT TMINT IM	42 2 R III R	21 911	21 9 11 11	21 9 11 11	21 9 [1]
ANTIMONY		2.90 U			) D
ARSENIC	2.50 U U	2.50 U U	2.50 U UJ B,*2	2.50 U U	2.50 U UJ B,*2
BARIUM	7	*10 5.70 B	3.60 U U	5.70 B	3.60 U U
BERYLLIUM 0.	0.1000 U B	0.1000 U	0.1000 U	0.1000 U	0.1000 U
CADMIUM 0.	0.4000 U U	0.4000 U U	0.7000 B J *10	0.4000 U U	0.4000 U
CALCIUM	929 B	11,300	1,170 B J F	11,100	1,160 B J F
CHROMIUM, TOTAL 0.	0.9000 U	U 00000.0	U U 0006.0	U U 00000.0	U 00000.0
COBALT	1.30 U U	1.30 U U	1.30 U U	1.30 U	1.30 U U
COPPER	1.10 U U	3.10 B	1.10 U U	7.00 B	1.10 U
IRON	20.4 U U	20.4 U U	20.4 U U	59.6 B	20.4 U U
LEAD	1.70 U U	U U 07.1	1.70 U	U U U O O I	U D 07.1
MAGNESIUM	903 B	3,900 B	916B J F	3,880 B	902 B J F
MANGANESE	2.40 B	13.8 B	6.90 B J F	14.9 B	6.70 B J F
NICKEL 0.	0.9000 U	U 00000.0	11.1 B	U U 00000.0	1.00 B J *10
POTASSIUM	838 B UJ B	I,490 B	571 B J F	I,420 B	562 B J F
SELENIUM	4.00 U UJ *2	2 4.00 U U	4.00 U	4.00 U U	4.00 U U
T:\MMR\SNAPSHOT\VALIDATI\)98MAR01\GROUPC.DI3 (1466 of 1466	OINGROUPC.DIB (1	466 of 1466 records) 03/03/9	records) 03/03/98 14:29.1 read by cshein		ond Francis
T-VMARRISNAPSHOTIVALIDATDI98MAR011/COC DB (1979 records) 03/05/98 15:05 2	MYCOC DR (1979	records) 03/05/98 15:05 2		Ogden Environmen	tal and Energy Service

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

NID   WCGEXL   WC7CXA   NW7CLLE   WC7CXA   NW7CLLE   WC7CXA   NW7CCLLE   WC7CXA   NW7CCCLLE   WC7CXA   NW7CCCLLE   WC7CXA   NW7CCCLLE   WC7CXA   NW7CCCLLE   WC7CXA   NW7CCCLLE   WC7CXA   NW7CCCLLE   WC7CXA   NW7CCCCLLE   WC7CXA   NW7CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CL WC7CLE WC7CLE  10/6/97  10/6/97  10/7  THICAL LAB REV QUAL RESULT QUAL CODE  SULT QUAL QUAL CODE  RESULT QUAL CODE	WC7CXE 10/6/97	WC7CXL
Continued  1.10 U U 1.10 U U 1.20 U 1	10/6/97  10/6/97  10/6/97  10/6/97  10/6/97  10/6/97  10/6/97	10/6/97	
Avalytical labs   services   labs   l	ANALYTICAL LAB REV QUAL RESULT QUAL CODE		10/1/97
CC1) Continued  1.10 U U  1.20 U U  1.20 U U  1.20 U U  1.30 U U  1.45 U  1.50 U U  1.	ANALYTICAL LAB REV QUAL RESULT QUAL CODE		
1.10 U U U 1.10 U U 1.20 B J F 6.00 U U 1.20 U U R 1.20 U U U R 1.20 U U U R 1.20 U U U II B 7.00 B J F 6.00 U U II B 7.00 B J F 7.00 B J F 8.00 B J F		EV QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
1.10 U U U 1.10 U U 1.20 U			
4,520 B	U 01.10 U U 1.10 U	J 1.10 U U	1.10 U U
6.00 U U 1.20 U	16,900 4,990 B		4,940 B J F
1.20 U U 1.20 U U 5.70 R 5.00 R 5.00 R 7 F 8.10 B UJ B 0.1000 U UJ B 0.1	U 6.00 U U 6.00 U	U 00.00 U	U U 00.9
8.10 B UJ B 2.70 B 5.00 B J F  0.1000 U UJ B 0.1000 U UJ B  1.1000	U 1.20 U 1.20 U	J 1.20 U U	1.20 U U
0.1000 U UJ B 0.1000 U UJ B 0.1000 U UJ B  HOTVALDATDA98MAR01\GROUPC.DB (1466 of 1466 records) 03/03/98 14.29.1 read by eshein	UJ B 2.70 B 5.00 B	-	2.80 B J *10,F
B B			
	UJ B 0.1000 U U 0.1000 U		0.1000 U UJ B
,	01\GROUPC.DB (1466 of 1466 records) 03/03/98 14:29.1 read by eshein	Ogden Environment	al and Energy Servic
1:\MMR\SNAPSHOT\VALIDATD\98MAR\01\\COC.DB\((1979\) records)\03\\05\\98\15:05.2 <prg not="" selected="" table=""></prg>	(01NCOC.DB (1979 records) 03/05/98 15:05.2		echnical
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Ogden Environmental and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

	WC/EAA	WCTIVI		WC CLIMA	WOJEVE
OGDEN ID	WC7EXA	WC7EXL	WC9EI.E	WC9EXA	WC9EXE
Date Sampled	10/8/97	10/8/97	10/2/97	10/2/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
350.2M (MG/L)					
NITROGEN, AMMONIA (AS N)	0.0300			0.0200 UJ *2	0.0200 U
353.2M (MG/L)					
NITRATE/NITRITE (AS N)	0.0900			0.1300	0.0100 U
365.2 (MG/L) PHOSPHORUS, TOTAL ORTHOPH	H 0.0300			0.0100 U	0.0100 U
CYAN (UGL)					
CYANIDE	5.00 U U			5.00 U U	5.00 U U
IM40 (UGL)					
ALUMINUM	21.9 U U	21.9 U	30.0 B UJ B	54.8 B UJ B	21.9 U U
ANTIMONY	2.90 U U	2.90 U U	2.90 U U	2.90 U U	2.90 U U
ARSENIC	2.50 U UJ B,*2	2.50 U UJ B,*2	2.50 U U	2.50 U U	2.50 U U
BARIUM	12.4 B	3.80 B J *10	3.60 U U	5.00 B J *10	3.60 U
BERYLLIUM	0.1000 U	0.1000 U	0.1000 U	0.1000 U UJ B	0.1000 U
CADMIUM	0.5000 B J *10	0.4000 U U	0.4700 B	0.4000 U	0.4000 U
CALCIUM	1,400 B	1,410 B	89.1 U U	1,890 B	89.1 U U
CHROMIUM, TOTAL	U 00000.0	0.9000 U	U 00000.0	3.20 B	U U 000000
COBALT	1.30 U U	1.30 U U	1.30 U U	1.30 U U	1.30 U U
COPPER	1.10 U	1.10 U U	1.50 B	1.10 U	U U U I
IRON	33.1 B J *10	20.4 U U	20.4 U U	25.0 B J *10	20.4 U U
LEAD	U.70 U	1.70 U U	1.70 U	U U D 07.1	U U U 0.1
MAGNESIUM	1,260 B	1,260 B	U U 6.88	I,640 B	U U 0.88
MANGANESE	1.60 B	1.50 B	0.4000 U	18.1	0.4000 U
NICKEI,	5.00 B	1.20 B J *10	U U 00000.0	U U 00000.0	U U 00000.0
POTASSIUM	662 B	658 B	249 B UJ B	1,060 B UJ B	357 B UJ B
SELENIUM	4.00 U U	4.00 U U	4.00 U	4.00 U UJ *2	4.00 U

I MMRISNAPSHOTIVALIDATIN98MAR01/GROUPC DB (1466 of 1466 records) 03/03/98 14:29.1 read by eshein

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

EPA NO	WC7EXA	WC7EXL	WC9ELE	WC9EXA	WC9EXE
OGDEN ID	WC7EXA	WC7EXL	WC9ELE	WC9EXA	WC9EXE
Date Sampled	10/8/97	10/8/97	10/2/97	10/2/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB BEV COLAL RENEET COLAL COLAL	NAME AND TRAINING MAN	ANALYTICAL LAB (REV. (QUAL.	MARCH MINN BN OINE	ANALYTICAL LAB RIV QUAL PENUL QUAL CODE
IM40 (UGL) Continued					
SILVER	1.70 8 3 *10	1.10101	11 01 1	11001	1 10 11
SODIUM	4,880 B	4,840 B	484 B		
THALLIUM	6 00 U	6 00.11	1 00 9	(1 00 9)	
VANADIUM	1.20 U U	1 20 11	1.20 U		
ZINC	3.40 B J *10	3.10 18 1 *10		13 5/13 [11]	
IM40HG (UGA)					5
MERCURY	0.1000/U UJ B	81 III II 00010	0 1000 11	0.1500 B J B	0.1000 U

F.MMR\SNAPSHOTVALIDATD\98MAR01\GROUPC.DB (1466 of 1466 records) 03/03/98 14:29.1 read by eshein T:\MMR\SNAPSHOT\VALIDATD\98\MAR\01\\COC.D\B\((1979\) records)\03\\05\\98\15.05\.2

Ogden Environmental and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

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EPA NO	WC9EXL	WI.26I.D	WL26XA	WL26XD	WL26XE
OGDEN ID	WC9EXL	WL26LD	WL26XA	WL26XD	WL26XE
Date Sampled	10/2/97	10/20/97	10/20/97	10/20/97	10/20/97
Depth				The state of the s	the state of the s
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
350.2M (MG/L)					
NITROGEN, AMMONIA (AS N)			0.0300 J F	0.0400 J F	0.0300
353.2M (MG/L)					
NITRATE/NITRITE (AS N)			0.0200 J F	0.0200 J F	0.0100 U
365.2 (MG/L)					
PHOSPHORUS, TOTAL ORTHOPH	Н		0.0500 J R	0.0500 J R	0.0100 U
CYAN (UGAL)					
CYANIDE			5.00 U U	5.00 U U	5.00 U U
IM40 (UGL)					
ALUMINUM	30.2 B UJ B	U U U	Z1.9 U	U U U	21.9 U U
ANTIMONY	2.90 U U	2.90 U U	2.90 U U	2.90 U U	2.90 U U
ARSENIC	2.50 U U	2.50 U UJ B	2.50 U UJ B	2.50 U UJ B	2.50 U U
BARIUM	4.80 B J *10	3.60 U U	3.60 U U	3.60 U U	3.60 U U
BERYLLIUM	0.1000 U UJ B	0.3300 B UJ B	0.2800 B UJ B	0.3100 B UJ B	0.3200 B UJ B
CADMIUM	0.4000 U U	1.60 B	0.4000 U U	0.4000 U U	0.4000 U U
CALCIUM	I,790 B	2,980 B	2,840 B	2,930 B	89.2 U U
CHROMIUM, TOTAL	U U 00000.0	0.9000 U B	0.9000 U B	0.9000 U B	U U 000000
COBALT	1.30 U U	1.30 U U	1.30 U U	1.30 U U	1.30 U U
COPPER	1.10 U	2.20 B UJ B	1.90 B UJ B	3.30 B UJ B	5.20 B UJ B
IRON	. 20.4 U U	20.4 U U	20.4 U U	20.4 U U	20.4 U U
LEAD	1.70 U	1.70 U	1.70 U	1.70 U U	1.70 U U
MAGNESIUM	1,580 B	1,420 B	1,350 B	1,390 B	U U U 88.9
MANGANESE	17.2	0.4000 U U	0.4000 B J *10	0.4000 U U	0.4000 U U
NICKEL	1.50 B J *10	0.9000 U	U U 000000	U 000000	U U 00000
POTASSIUM	870 B UJ B	982 B	876 B	939 B	193 U U
SELENIUM	4.00 U UJ *2	4.00 U UJ Q,*2	4.00 U UJ *2	4.00 U UJ *2	4.00 U U

FAMMRISNAPSHOTIVALIDATIN98MAR01/GROUPC.DB (1466 of 1466 records) 03/03/98 14:29.1 read by eshein

T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

MU26XA   MU26XA   MU26XD   MU26XA   MU26XA   MU26XA   MU26XA   MU26XA   MU26XA   MU26XB   M	EPA NO	WC9EXL	WL26LD	WI,26XA	WL26XI)	WL26XE
1002097   1002097   10020997	OGDEN ID	WC9EXI.	WL26LD	WL26XA	WL26XI)	WL26XE
Continued   Cont	Date Sampled	10/2/97	10/20/97	10/20/97	10/20/97	10/20/97
ANALYTICAL Judy BEV QUAL   ANALYTICAL JUDY BE ANALYTICAL JUDY BEN ANALY	Depth		A 000	r		
1.10 U U U 1.10 U U 1	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
1.10 U U U U U 1.10 U U U 1.10 U U U U U 1.10 U U U U U 1.10 U U U U U 1.10 U U U U U U 1.10 U U U U U 1.10 U U U U U U 1.10 U U U U U U U 1.10 U U U U U U U U U U U U U U U U U U U	IM40 (UGL) Continued					
4,700 B         6,600 U         U         6,390 U         6,530 U         U         430 U         U         600 U         U         600 U         U         600 U         U         600 U         U         120 U         U         U         120 U         U         U         120 U         U         U         120 U         <	SILVER					
0.1000 U U B	SODIUM	4,760 B	6,660	6,390	6,570	
120 U U U B	THALLIUM					
730 B UJ B 460 B UJ B 520 B UJ B 580 B UJ B 121 B UJ B U	VANADIUM					
0.1000U U U B 0.1000U U U 0.1000U 0.1000U U 0.1000U	ZINC	m	[1]	UJ	n	B UJ
	IM40HG (UGL) MERCURY	m				
	T:\MMR\SNAPSHOT\VALIDA? <prg not="" selected="" table=""></prg>	TD\98MAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2		b	)
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2 cgd						

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

# GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

i				ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL																									
1				LAB REV QUAL QUAL QUAL CODE												В		В			<u>B</u>								
				AB REV										U U	J U	J UJ	U U	3 UJ	~	~	J UJ	D C	U (		J U	~		~	
WL31XL	WL31XL	10/21/97		ANALYTICAL LAB RESULT QUAL										21.9 U	2.90 U	2.50 U	3.60 U	0.1300 B	1.40 B	2,660 B	U 0000 U	1.30 U	1.10 U	420	1.70 U	1,090 B	51.8	5.10 B	
				QUAL CODE		F	•	F		×						В		В	01*		В		B						
				REV L'QUAL		_	>	7	·	7						m	D	n	ſ		n	ח	m	_	ח				_
1				AL LAB		9	3	0		0		5.00 U		21.9 U	2.90 U	2.50 U	3.60 U	0 B	OB	OB	no	1.30 U	1.70 B	0	1.70 U	8 0	1	5.90 B	
WL31XA	WL31XA	10/21/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		00200	0000	0.0100		0.0100		5.0		21.	2.9	2.5	3.6	0.1800 B	0.5200 B	2,720 B	U 00000 U	1.3	1.7	1,120	1.7	1,120 B	57.1	5.9	
				QUAL CODE												В		В			В		В						
				LAB REV QUAL QUAL QUAL QUAL QUAL CODE										D	n	UJ	D	E	ח		E	$\supset$	n	D	n		ח	D	
				AL LAB										21.9 U	2.90 U	2.50 U	3.60 U	0 B	n o	8 0	no	1.30 U	2.30 B	20.4 U	1.70 U	BOB	D O	n o	
WL26XL	WL26XL	10/20/97		ANALYTICAL LAB RESULT QUAL						H				21.	2.9	2.5	3.6	0.3000 B	0.4000 U	2,950 B	U 00006.0	1.3	2.3	20.	1.7	1,400 B	0.4000 U	U 0000 U	
EPA NO	OGDEN ID	Date Sampled	Depth	Method Analyte	250 2M CMC(I)	NITROGEN AMMONIA (AS N)	SSS.2M (MGA)	NITRATE/NITRITE (AS N)	365.2 (MG/L)	PHOSPHORUS, TOTAL ORTHOPH	CYAN (UG/L)	CYANIDE	IM40 (UG/L)	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM, TOTAL	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	NICKEL	

F.MMRISNAPSHOTIVALIDATD/98MAR01/GROUPC. DIB (1466 of 1466 records) 03/03/98 14.29.1 read by cshein

T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Ogden Environmental and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP C: Water Data for Methods 350.2M, 353.2M, 365.2, CYAN, IM40 and IM40HG

EPA NO	WL26XL	WL31XA	WL31XL		
OGDEN ID	WL26XL	WL31XA	WL31XL		
Date Sampled	10/20/97	10/21/97	10/21/97		
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
IM40 (UG/L) Continued					
SILVER	1.10 U	0 0 0 0	0 0 0 0 0		
SODIUM					
THALLIUM	0.00 U	0 0 00.9	U U 00.9		
VANADIUM	1.20 U U	1.20 U U	1.20 U U		
ZINC	5.70 B UJ B	2,480	2,410		
IM40HG (UG/L)					
MERCURY	0.1000 U	0.1000 U	U 0 000 U		
T:WMR\SNAPSHOT\VALIDATD\98MAR01\GROUPC.DB (1466 of 1466 records) 03/03/98 14:29.1 read by cshein	98MAR01\GROUPC.DB (1460	of 1466 records) 03/03/98 14:	29.1 read by cshein	Oaden Environments	and Energy Services
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	98MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2			Techn
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

## GROUP D: Water Data for Methods 8021S, OM31V and OM31B

	B04AAA	B04BAA B04BAA	B04CAA	B04DAA B04DAA	B04EAA
OGDEN ID	304AAA	B04BAA	B04CAA	B04DAA	B04EA
Date Sampled	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAI, LAB RESULT QUAI
8021S (UG/KG)					
1,2-DIBROMOETHANE (ETHYLEN	N 0.5100 U R D	0.5200 U R D	0.5200 U R D	0.5200 U R D	0.5200
TERT-BUTYL METHYL ETHER	0.5100 U	0.5200 U U	0.5300 U R D	0.5200 U U	0.5200 U
OM31V (UG/KG)					
CHLOROMETHANE	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
BROMOMETHANE	10.0 U	U 0.01	10.0 U	U 0.01	10.01
VINYL CHLORIDE	10.0 U	10.0 U	10.0 U	U U 0.01	10.0
CHLOROETHANE	10.0 U	10.0 U	10.0 U	U U 0.01	10.0
METHYLENE CHLORIDE	10.0 U	10.0 U	10.0 U	10.0 U	10.0
ACETONE	25.0 UJ B,C	20.0 UJ B,C	32.0 UJ B,C	10.0 J UJ B,C	23.0
CARBON DISULFIDE	10.0 U	10.0 U	10.0 U	10.0 U	10.0
1,1-DICHLOROETHENE	10.0 U	U U 0.01	10.0 U	10.0 U	10.0
1,1-DICHLOROETHANE	10.0 U	U U 0.01	10.0 U	10.0 U	10.0
TOTAL 1,2-DICHLOROETHENE	10.0 U	U U 0.01	10.0 U	10.0 U	10.0
CHLOROFORM	10.0 U	U U 0.01	10.0 U	I.00 J J	10.0
1,2-DICHLOROETHANE	10.0 U	U U 0.01	10.0 U	U U 0.01	10.0
METHYL ETHYL KETONE (2-BUT	r 10.0 U UJ C	10.0 U UJ C	10.0 U UJ C	10.0 U UJ C	10.0
1,1,1-TRICHLOROETHANE	10.0 U	U U 0.01	10.0 U	U U 0.01	10.0
CARBON TETRACHLORIDE	10.0 U	U U 0.01	10.0 U	10.0 U	10.0
BROMODICHLOROMETHANE	10.0 U	10.0 U	10.0 U	10.0 U	10.0
1,2-DICHLOROPROPANE	10.0 U	10.0 U	10.0 U	U U 0.01	10.0
CIS-1,3-DICHLOROPROPENE	10.0 U	U U 0.01	10.0 U	10.0 U	10.0
TRICHLOROETHYLENE (TCE)	10.0 U	10.0 U	10.0 U	3.00 J J	10.0
DIBROMOCHLOROMETHANE	10.0 U	10.0 U	10.0 U	U U 0.01	10.0
1,1,2-TRICHLOROETHANE	10.0 U	U U 0.01	10.0 U	U U 0.01	10.0
BENZENE	11 11001	11 11 001	1001	11 11001	1001

TAMMRISNAPSHOTAVALIDATIN98MAR01/GROUPD.DB (506 of 506 records) 03/03/98 14:37.1 read by eshein

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Ogden Environmental and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

## GROUP D: Water Data for Methods 8021S, OM31V and OM31B

EPA NO	B04AAA	B04BAA	B04CAA	B04DAA	B04EAA
OGDEN ID	B04AAA	B04BAA	B04CAA	B04DAA	B04EAA
Date Sampled	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31V (UG/KG) Continued					
TRANS-1,3-DICHLOROPROPENE	U 0.01	U 0.01	10.0 U	10.0 U	10.0 U
BROMOFORM	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
METHYL ISOBUTYL KETONE (4-	U U 0.01	U U 0.01	10.0 U	10.0 U	10.0 U
2-HEXANONE	10.0 U	U U 0.01	10.0 U	10.0 U	10.0 U U
TETRACHLOROETHYLENE(PCE)	U 0.01 (	U U 0.01	10.0 U	10.0 U	10.0 U
1,1,2,2-TETRACHLOROETHANE	10.0 U	U U 0.01	10.0 U	U 0.01	10.0 U
TOLUENE	10.0 U	U 0.01	U U 0.01	U 0.0 I	10.0 U
CHLOROBENZENE	10.0 U	U 0.01	10.0 U	10.0 U	10.0 U
ETHYLBENZENE	10.0 U	U U 0.01	10.0 U	U 0.0 U	U 0.01
STYRENE	10.0 U	U U 0.01	10.0 U	U 0.01	10.0 U
XYLENES, TOTAL	10.0 U	U 0.01	10.0 U	U 0.01	10.0 U
T:MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPD.DB (506 of 506 1	3MAR01\GROUPD.DB (506 o	of 506 records) 03/03/98 14:37.1 read by cshein	7.1 read by cshein	Oaden Frairconnent	of and Energy Services
T.MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.	3MAR01\COC.DB (1979 reco	rds) 03/05/98 15:05.2		Ogucii Elivii oliment	Tech Sol all a line in
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#### Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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## GROUP D: Water Data for Methods 8021S, OM31V and OM31B

NEATH COLUMN   Colu		B04FAA	S02DCA	S08DCA	SI3DCA	S16DDA
	OGDEN ID	B04FAA	S02DCA	S08DCA	SI3DCA	S16DDA
COCKAGO   COCK	Date Sampled	10/21/97	10/8/97	10/1/97	10/20/97	9/29/97
COCKOD         RESULT         COLAMACITA CALLA CA	Depth					
KOP         COP         COP <th>Method Analyte</th> <th>ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE</th> <th>NALYTICAL LAB REV RESULT QUAL QUAL</th> <th>ANALYTICAL LAB REV RESULT QUAL QUAL</th> <th>REV QUAL</th> <th>ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE</th>	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	NALYTICAL LAB REV RESULT QUAL QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
ETHANE CETHYLEN         0.5600 U         R         D         0.5200 U         U         C         0.5000 U         R         D         0.5200 U         U         C         0.5000 U         R         D         0.5200 U         U         C         0.5000 U         U         C         0.000 U         U         C         0.5000 U         U         C         0.5000 U         U         C         0.5000 U         U         D         0.00 U         U         D         0.00 U         U         D         0.00 U	8021S (UG/KG)					
MACHAL ETHER         0.5400 U         R         0.5200 U         U         C         0.5000 U         U         C         0.000 U         U         D	1,2-DIBROMOETHANE (ETHYLE	0.5600 U R	m	0.5000 U UJ	~	
ANNE         110 U         U         100 U         U         C         100 U         U         100 U <td>TERT-BUTYL METHYL ETHER</td> <td>~</td> <td>n</td> <td>n</td> <td></td> <td></td>	TERT-BUTYL METHYL ETHER	~	n	n		
AGETHANE         110 U         U         100 U	OM31V (UG/KG)					
ETHANE         11.0 U         U         10.0 U         <	CHLOROMETHANE	D	U UJ	n	n	
LONDIDE         11.0         U         10.0         U	BROMOMETHANE	11.0 U	10.0 U U	D	n	b
THANE         11.0         U         10.0         U	VINYL CHLORIDE		U UJ	n	n	
11.0   U   D   D   D   D   D   D   D   D   D	CHLOROETHANE	11.0 U	10.0 U	D	n	n
35.0         UJ         B,C         16.0         B         C         10.0         U         B         22.0         UJ         B,C         10.0         U         U         DISOLETINE         U         U         DISOLETINE         U         U         DISOLETINE         U <th< td=""><td>METHYLENE CHLORIDE</td><td>11.0 U</td><td>ם</td><td>n</td><td>D</td><td>D</td></th<>	METHYLENE CHLORIDE	11.0 U	ם	n	D	D
DISULFIDE         11.0 IO         U         10.0 IO         U	ACETONE	m	B UJ	J U	m	l UJ
OROGETHENE         110 U         U         100 U         U         U         100 U         U         10	CARBON DISULFIDE	11.0 U	10.0 U	n	n	n
OROGETHANE         11.0 IO U         U         10.0 IO U         U         U         10.0 IO U         U <t< td=""><td>1,1-DICHLOROETHENE</td><td>11.0 U U</td><td>n</td><td>n</td><td>n</td><td>n</td></t<>	1,1-DICHLOROETHENE	11.0 U U	n	n	n	n
-DICHLOROETHENE         11.0 U U         U         10.0 U U </td <td>1,1-DICHLOROETHANE</td> <td>11.0 U</td> <td>D</td> <td>D</td> <td>D</td> <td>n</td>	1,1-DICHLOROETHANE	11.0 U	D	D	D	n
ORM         11.0 U         U         10.0 U	TOTAL 1,2-DICHLOROETHENE	U U 0.11	10.0 U	ח	n	n
OROETHANE         11.0 U         U         10.0 U	CHLOROFORM	11.0 U	10.0 U U	n	ם	n
ETHYL KETONE (2-BUT         11.0 U         UJ         C         10.0 U         U	1,2-DICHLOROETHANE	11.0 U	ח	n	D	n
HLOROETHANE         11.0 U         U         10.0 U	METHYL ETHYL KETONE (2-BU	11.0 U UJ	ח	n	U UJ	n
TETRACHI,ORIDE         11.0 U         U         10.0 U	1,1,1-TRICHLOROETHANE	11.0 U	n	n	n	n
CHLOROMETHANE         11.0 U         U         10.0 U	CARBON TETRACHLORIDE	11.0 U U	10.0 U	ח	n	n
OROPROPANE         11.0 U         U         10.0 U	BROMODICHLOROMETHANE	11.0 U	10.0 U U	ח	n	n
CHLOROPROPENE         11.0 U         U         10.0 U	1,2-DICHLOROPROPANE	11.0 U	כ	n	n	n
ROETHYLENE (TCE)         11.0 U         U         10.0 U	CIS-1,3-DICHLOROPROPENE	n	ח	n	n	ח
CHLOROMETHANE         11.0 U         U         10.0 U         U         I	TRICHLOROETHYLENE (TCE)			ח	n	n
HLOROETHANE         11.0 U         U         10.0 U	DIBROMOCHLOROMETHANE		n	n	n	n
11.0 U U U 10.0 U U 10.0 U U 10.0 U U 10.0 U	1,1,2-TRICHLOROETHANE		n	n	n	n
	BENZENE				n	n

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

## GROUP D: Water Data for Methods 8021S, OM31V and OM31B

OGDEN ID Date Sampled		SUZINCA	SUSDCA	SISDCA	STODINA	
	B04FAA	SOZDCA	S08DCA	SI3DCA	SIGDDA	,
	10/21/97	76/8/01		10/20/97	9/29/97	
Depth						
Method Analyte	ANALYTICAL, LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AL
OM31V (UG/KG) Continued						
TRANS-1,3-DICHLOROPROPENE	3 11.0 U	10.0 U	10.0 U	U 0.01	10.0 U	
BROMOFORM	11.0 U U	10.0 U	10.0 U	10.0 U	10.0 U	
METHYL ISOBUTYL KETONE (4-	- 11.0 U U	10.0 U	10.0 U	10.0 U	10.0 U	
2-HEXANONE	11.0 U U	10.0 U  U	10.0 U	10.0 U	10.0 U	
TETRACHLOROETHYLENE(PCE)	() 11.0 U	10.0 U	10.0 U	10.0 U	10.0 U	
1,1,2,2-TETRACHLOROETHANE	11.0 U U	U U 0.01	10.0 U	10.0 U	10.0 U	
TOLUENE	11.0 U U	U U 0.01	10.0 U	10.0 U	U U 0.01	
CHLOROBENZENE	11.0 U U	U U 0101	10.0 U	10.0 U U	U U 0.01	
ETHYLBENZENE	11.0 U	10.0 U	10.0 U U	10.0 U	10.0 U	
STYRENE	11.0 U U	10.0 U	10.0 U	10.0 U	10.0 U	
XYLENES, TOTAL		b	ח	D	10.0 U	
T:MMR\SNAPSHOTVALIDATD\98MAR01\CROUPD.DB (506 of 506 records) 03/03/98 14:37.1 read by cshein T:MMR\SNAPSHOTVALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	8MAR01\GROUPD.DB (506 8MAR01\COC.DB (1979 rec	of 506 records) 03/03/98 14.37 rds) 03/05/98 15:05.2	7.1 read by cshein	Ogden Environment	Ogden Environmental and Energy Services	OE Tech
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

## GROUP D: Water Data for Methods 8021S, OM31V and OM31B

OGDEN ID	S16DRA	S24DCA	S27DCA	S27DCD	
pa	10/6/97	10/16/97	10/6/97	10/6/97	
Depth		THE RESIDENCE OF SECURITY SECU			
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8021S (UG/KG)					
1,2-DIBROMOETHANE (ETHYLEN	N 0.5400 U UJ C,*4	0.5400 U UJ C,*4	4 0.5200 U UJ C,*4	0.5000 U UJ C,*4	
TERT-BUTYL METHYL ETHER	0.5400 U UJ C	0.5400 U UJ	0.5200 U UJ	0.5000 U UJ C	
OM31V (UG/KG)					
CHLOROMETHANE	11.0 U U	11.0 U U	10.0 U	10.0 U	
BROMOMETHANE	11.0 U U	11.0 U U	10.0 U	10.0 U	
VINYL CHLORIDE	11.0 U U	11.0 U U	10.0 U	10.0 U	
CHLOROETHANE	11.0 U U	11.0 U U	10.0 U	10.0 U	
METHYLENE CHLORIDE	11.0 U	11.0 U U	10.0 U	10.0 U	
ACETONE	22.0 UJ B,C	11.0 J UJ B,C	10.0 J UJ B,C	10.0 J UJ B,C	
CARBON DISULFIDE	11.0 U	U U U	10.0 U	10.0 U U	
1,1-DICHLOROETHENE	11.0 U U	11.0 U U	10.0 U	10.0 U	
1,1-DICHLOROETHANE	U 0 0.11	U U U	10.0 U	10.0 U	
TOTAL 1,2-DICHLOROETHENE	11.0 U	11.0 U	10.0 U	10.0 U	
CHLOROFORM	11.0 U	11.0 U	10.0 U	10.0 U	
1,2-DICHLOROETHANE	11.0 U U	11.0 U U	10.0 U	10.0 U	
METHYL ETHYL KETONE (2-BUT	r 11.0 U U	11.0 U UJ C	10.0 U	10.0 U	
1,1,1-TRICHLOROETHANE	11.0 U	11.0 U U	10.0 U	10.0 U	
CARBON TETRACHLORIDE	11.0 U	11.0 U U	10.0 U	10.0 U	
BROMODICHLOROMETHANE	11.0 U	11.0 U U	10.0 U	10.0 U	
1,2-DICHLOROPROPANE	11.0 U	11.0 U	10.0 U	10.0 U	
CIS-1,3-DICHLOROPROPENE	11.0 U U	11.0 U U	10.0 U	10.0 U	
TRICHLOROETHYLENE (TCE)	11.0 U U	11.0 U U	10.0 U	10.0 U	
DIBROMOCHLOROMETHANE	11.0 U U	11.0 U U	10.0 U	10.0 U	
1,1,2-TRICHLOROETHANE	11.0 U U	11.0 U U	10.0 U	10.0 U	
BENZENE	11.0 U	11.0 U U	10.0 U	10.0 U	
TANAM ADVENTA DELICTIVAT ITTA TINGONA A DOLICEDON IND 7507 - 25 507 -	MARROTICE CHILD AND ACCOUNT	26 EDG 2002-430 02 (02 100 14)	27 1 200 1 100 100		
1. IMMINISTRATION VALIDATIONS	MAKUI MKOUPD.DB (300	of 500 fecords) 03/03/98 14:37.1 read by esnein	37.1 read by cshein	Ogden Environmental and Energy	al and Energy Service
T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.	MAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2			3
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

## GROUP D: Water Data for Methods 8021S, OM31V and OM31B

EPA NO	SI6DRA	S24DCA	S27DCA	S27DCD	6
OGDEN ID	SI6DRA	S24DCA	S27DCA	S27DCD	
Date Sampled	10/6/97	10/16/97	10/6/97	10/6/97	The state of the s
Depth Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31V (UG/KG) Continued TRANS-1,3-DICHLOROPROPENE BROMOFORM METHYL ISOBUTYL KETONE (4- 2-HEXANONE TETRACHLOROETHYLENE(PCE) 1,1,2,2-TETRACHLOROETHANE TOLUENE CHLOROBENZENE ETHYLBENZENE STYRENE XYLENES, TOTAL		D D D O O O O O O O O O O O O O O O O O	0001 0001 0001 0001 0001 0001 0001 000	n n n n n n n n n n n n n n n n n n n	
T:MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPD.DB (506 of 506 records) 03/03/98 14:37.1 read by cshein T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2 <prg not="" selected="" table=""></prg>	8MAROINGROUPD.DB (506 8MAROINCOC.DB (1979 rec	of 506 records) 03/03/98 14:3'	7.1 read by cshein	Ogden Environmenta	Ogden Environmental and Energy Service





Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OND DEN ID         BOADAA         BOADAAA         BOADAAA         BOADAAA         BOADAAA         BOADAAA         BOADAAA         BOADAAA         BOADAAA         BOADAAA         BOADAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		B04BAA	B04CAA	B04DAA	DO4EAA
MANALTICAL   MAN		B04BAA	B04CAA	B04DAA	B04EAA
### CENTOROPHENOL   C-CEROOPHENOL   C-CEROOPHE		10/21/97	10/21/97	10/21/97	10/21/97
CHOCKOD         ANALTITCAL LAM BENT CALLA MENT CALLA CODE RESEART TO ALLA COMPANIA MENT CALLA CODE RESEART TO ALLA CODE ALLA CODE RESEART TO ALLA CODE ALLA CODE RESEART TO ALLA CODE RESEART TO ALLA CODE					
HENCYL ETHER (2 340 U U 340 U U 350 U U U 350 U U U 350 U U 350 U U U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
340 U         U         340 U         U         350 U         U         U					
340 U         U         340 U         U         350 U </td <td></td> <td></td> <td>n</td> <td></td> <td>340 U U</td>			n		340 U U
340 U U         U         340 U U         U         350 U U         U <td< td=""><td>(2 340 U</td><td>n</td><td>D</td><td>D</td><td>340 U U</td></td<>	(2 340 U	n	D	D	340 U U
340 U         U         340 U         U         350 U </td <td></td> <td>ח</td> <td>D</td> <td>D</td> <td>340 U U</td>		ח	D	D	340 U U
340 U         U         340 U         U         350 U </td <td>340 U</td> <td>D</td> <td>D</td> <td>D</td> <td>340 U U</td>	340 U	D	D	D	340 U U
340 U         U         340 U         U         350 U         U         U         350 U         U         U         U         U         U         U         U         U         U         U         U         U	340 U	n	D	D	340 U U
340 U         U         340 U         U         350 U </td <td>340 U</td> <td>n</td> <td>n</td> <td>n</td> <td>340 U U</td>	340 U	n	n	n	340 U U
340 U         U         340 U         U         350 U         U         U         350 U         U         350 U         U         U         U         U         U         U         U	340 U	n	D	D	340 U U
340 U         U         340 U         U         350 U         U         U         350 U         U         U         U         U         U         U         U         U         U         U         U         U	340 U	n	D	D	340 U U
340 U       U       340 U       U       350 U       U       3	340 U	ח	n	D	340 U U
340 U U U         U         340 U U         U         350 U U         U         <	340 U	Þ	D	D	340 U U
340 U         U         340 U         U         350 U </td <td>340 U</td> <td>D</td> <td>D</td> <td>n</td> <td>340 U U</td>	340 U	D	D	n	340 U U
340 U         U         340 U         U         350 U </td <td></td> <td>D</td> <td>n</td> <td>n</td> <td>340 U U</td>		D	n	n	340 U U
340 U         U         340 U         U         350 U </td <td></td> <td>D</td> <td>n</td> <td>n</td> <td>340 U U</td>		D	n	n	340 U U
340 U         U         340 U         U         350 U         U         U         350 U         U         350 U         U		D	ח	D	340 U U
340 U         U         340 U         U         350 U </td <td>340 U</td> <td></td> <td>Þ</td> <td>n</td> <td>340 U U</td>	340 U		Þ	n	340 U U
340 U         U         340 U         U         350 U         U         U         350 U         U         350 U         U	340 U		D	n	340 U U
340 U         U         340 U         U         350 U         U         U         350 U         U         U         U	340 U		n	n	340 U U
340 U         U         340 U         U         350 U         U         U         350 U         U         U         U         U         U         U         U         U         U         U         U         U         U         U         U         U         <	340 U	D	Þ	n	340 U U
340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U		D	·	ח	340 U U
340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U		n		D	340 U U
340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U	340 U	Þ	Þ	ח	340 U U
340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U           340 U         U         340 U         U         350 U         U         350 U	340 U	ח	Þ	n	340 U U
340 U U 340 U U 350 U U 350 U U 350 U U 350 U	340 U	D	D	n	340 U U
340 U U 350 U U 350 U U 350 U	340 U	n	ח	n	340 U U
	340 U	n	50 U	Ω	340 U U
T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\\GROUPE.DB\(896\) of 896 records\) \(03\\03\\03\\98\) 14.41.0 read by eshein	ALIDATID/98MAR01\GROUPE.DB (896-c	896 records) 03/03/98 14:41	O read by cshein		
	MI IDATIN98MAROUNCOCIDB (1979 reco	de) 03/05/08 15:05 3		Ogden Environmental and Energy Services	al and Energy Serv

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

B04EAA	B04EAA	10/21/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		n n 098	340 U U	n n 098	340 U U	340 U U	340 U U	0 U 008	340 U U	n n 098	860 U UJ C	340 U U	340 U U	340 U	340 U U	340 U	n n 098	N 0 098	340 U U	340 U U	340 U	n n 098	340 U U	340 U U	340 U U	340 U U
B04DAA	B04DAA	10/21/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		U U 08	350 U U	870 U U	350 U U	350 U U	350 U U	870 U U	350 U U	870 U U	870 U UJ C	350 U U	350 U U	350 U U	350 U U	350 U U	870 U U	870 U U	350 U U	350 U U	350 U U	870 U U	350 U U	350 U U	350 U U	350 U U
B04CAA	B04CAA	10/21/97		ANALYTICAL LAB REV QUAL RESULT QUAL CODE		870 U U	350 U U	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	350 U U	350 U  U	350 U U	N 0 0 0 8	350 U U	U U 078	870 U UJ C	350 U U	350 U U	350 U U	350 U U	350 U U	U U 078	N 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	350 U U	350 U U	350 U U	0 U 0 8	350 U U	350 U U	350 U U	350 U U
B04BAA	B04BAA	10/21/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		n n 098	340 U U	n n 098	340 U U	340 U U	340 U U	n n 098	340 U U	0 U 008	860 U UJ C	340 U U	340 U U	340 U U	340 U U	340 U U	n n 098	П П 098	340 U U	340 U U	340 U U	n n 098	340 U U	340 U U	340 U U	340 U U
B04AAA	B04AAA	10/21/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		850 U U	340 U U	850 U U	340 U U	340 U U	340 U U	850 U U	340 U U	850 U U	850 U UJ C	340 U U	340 U U	340 U U	340 U U	340 U U	850 U U	850 U U	340 U U	340 U U	340 U U	850 U U	340 U U	340 U	340 U U	340 U U
EPA NO	OGDEN ID	Date Sampled	Depth	Method Analyte	OM31B (UG/KG) Continued	2,4,5-TRICHLOROPHENOL	2-CILORONAPHTHALENE	2-NITROANILINE	DIMETHYL PHTHALATE	ACENAPHTHYLENE	2,6-DINITROTOLUENE	3-NITROANILINE	ACENAPHTHENE	2,4-DINITROPHENOL	4-NITROPHENOL	DIBENZOFURAN	2,4-DINITROTOLUENE	DIETHYL PHTHALATE	4-CHLOROPHENYL PHENYL ETH	FLUORENE	4-NITROANILINE	4,6-DINITRO-2-METHYLPHENOL	N-NITROSODIPHENYLAMINE	4-BROMOPHENYL PHENYL ETH	HEXACHLOROBENZENE	PENTACHLOROPHENOL	PHENANTHRENE	ANTHRACENE	CARBAZOLE	DI-N-BUTYL PHTHALATE

FAMMRISNAPSHOTIVALIDATD/98MAR01\GROUPE.DB (896 of 896 records) 03/03/98 14:41.0 read by eshein T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Ogden Environmental and Energy Services

# Validated MMR Data, period 9-Feb-98 to 1-Mar-98

#### **GROUP E: Soil Data for Method OM31B**

EPA NO	B04AAA	B04BAA	B04CAA	B04DAA	B04EAA
OGDEN ID	B04AAA	B04BAA	B04CAA	B04DAA	B04EAA
Date Sampled	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
Depth		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4		
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31B (UG/KG) Continued					
FLUORANTHENE	340 U U	340 U U	350 U U	350 U U	340 U
PYRENE	340 U U	340 U U	350 U U	350 U U	340 U U
BENZYL BUTYL PHTHALATE	340 U U	340 U U	350 U U	350 U U	340 U U
3,3'-DICHLOROBENZIDINE	340 U U	340 U U	350 U U	350 U U	340 U U
BENZO(A)ANTHRACENE	340 U U	340 U U	350 U U	350 U U	340 U U
CHRYSENE	340 U U	340 U U	350 U U	350 U U	340 U U
BIS(2-ETHYLHEXYL) PITTHALAT	T 340 U U	19.0 J	350 U U	350 U U	340 U U
DI-N-OCTYLPHTHALATE	340 U U	340 U U	350 U U	350 U U	340 U U
BENZO(B)FLUORANTHENE	340 U U	340 U U	350 U U	350 U U	340 U U
BENZO(K)FLUORANTHENE	340 U U	340 U U	350 U U	350 U U	340 U U
BENZO(A)PYRENE	340 U U	340 U U	350 U U	350 U U	340 U U
INDENO(1,2,3-C,D)PYRENE	340 U U	340 U U	350 U U	350 U U	340 U U
DIBENZ(A,H)ANTHRACENE	340 U U	340 U U	350 U U	350 U U	340 U U
BENZO(G,H,I)PERYLENE	340 U UJ C	340 U UJ C	350 U UJ C	350 U UJ C	340 U UJ C
TAM A A DOLLOCKY A DOLLOCKY A TINA THAN GO A A DOLLOCKY WILL WILL SHA WILL SHA	A CAN THE INSCRIPTION AND A CANADA MAN A	7003			
SUMMENSION STORY OF STREET STREET	SIMAKUI NGKUULTI JIB 1870	OI 850 records) U3/U3/38 14.41	() read by eshem		E

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

BDA NO	B04FAA	S02DCA	S08DCA	SI3DCA	SI6DDA
	B04FAA	S02DCA	S08DCA 8	SI3DCA	S16DDA
pa	10/21/97	10/8/97	10/1/97	10/20/97	9/29/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL JAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31B (UG/KG)					
PHENOL	370 U U	340 U U	340 U U	330 U U	340 U U
BIS(2-CHLOROETHYL) ETHER (2	2 370 U U	340 U U	340 U U	330 U U	340 U
2-CHLOROPIENOL	370 U U	340 U U	340 U U	330 U U	340 U U
1,3-DICHLOROBENZENE	370 U U	340 U U	340 U U	330 U U	340 U
1,4-DICHLOROBENZENE	370 U U	340 U U	340 U U	330 U U	340 U
1,2-DICHLOROBENZENE	370 U U	340 U U	340 U U	330 U U	340 U U
2-METHYLPHENOL (O-CRESOL)	370 U U	340 U U	340 U U	330 U U	340 U U
2,2'-OXYBIS(1-CHLORO)PROPAN	370 U U	340 U U	340 U U	330 U U	340 U U
4-METHYLPHENOL (P-CRESOL)	370 U U	340 U U	340 U U	330 U U	340 U U
N-NITROSODI-N-PROPYLAMINE	370 U U	340 U U	340 U UJ *5	330 U U	340 U UJ *5
HEXACHI, OROETHANE	370 U U	340 U U	340 U U	330 U U	340 U U
NITROBENZENE	370 U U	340 U U	340 U U	330 U U	340 U U
ISOPHORONE	370 U UJ C	340 U U	340 U U	330 U U	340 U U
2-NITROPHENOL	370 U	340 U U	340 U U	330 U U	340 U U
2,4-DIMETHYLPHENOL	370 U U	340 U U	340 U U	330 U U	340 U U
BIS(2-CHLOROETHOXY) METHA	370 U U	340 U U	340 U U	330 U U	340 U U
2,4-DICHLOROPHENOL	370 U U	340 U U	340 U U	330 U U	340 U U
1,2,4-TRICHLOROBENZENE	370 U U	340 U U	340 U U	330 U U	340 U U
NAPHTHALENE	370 U U	29.0 J	340 U U	330 U U	340 U U
4-CHLOROANILINE	370 U U	340 U U	340 U U	330 U U	340 U U
HEXACHLOROBUTADIENE	370 U U	340 U UJ C	340 U U	330 U U	340 U
4-CHLORO-3-METHYLPHENOL	370 U U	340 U U	340 U U	330 U U	340 U U
2-METHYLNAPHTHALENE	370 U U	340 U U	340 U U	330 U U	340 U U
HEXACHLOROCYCLOPENTADIE	370 U U	340 U UJ C	340 U U	330 U U	340 U UJ C
2,4,6-TRICHLOROPHENOL	370 U U	340 U U	340 U U	330 U U	340 U U

FAMMRISNAPSHOTIVALIDATIN98MAR01/GROUPEDB (896 of 896 records) 03/03/98 14:41.0 read by eshein T:\MMR\SNAPSHOT\VALIDATD\98\MAR\01\\COC.DB\((1979\) records)\03\\05\\98\15\\05\\2

Ogden Environmental and Energy Servicead

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	B04FAA	S02DCA	S08DCA	SI3DCA	S16DDA
OGDEN ID	B04FAA	S02DCA	S08DCA	SI3DCA	S16DDA
Date Sampled	10/21/97	10/8/97	10/1/97	10/20/97	9/29/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESPILT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL, QUAL CODE
OM31B (UG/KG) Continued					
2,4,5-TRICHLOROPHENOL	920 U U	n n 098	n n 098	840 U U	U U 068
2-CHLORONAPHTHALENE	370 U U	340 U U	340 U U	330 U U	340 U
2-NITROANILINE	920 U U	n n 098	n n 098	840 U U	N N 098
DIMETHYL PHTHALATE	370 U U	340 U U	340 U U	330 U U	340 U U
ACENAPHTHYLENE	370 U U	340 U U	340 U U	330 U U	340 U U
2,6-DINITROTOLUENE	370 U U	340 U U	340 U U	330 U U	340 U U
3-NITROANILINE	920 U U	N N 098	U U 008	840 U U	n n 098
ACENAPHTHENE	370 U U	340 U U	340 U U	330 U U	340 U U
2,4-DINITROPHENOL	920 U UJ C	860 U UJ C	N N 098	840 U U	860 U UJ C
4-NITROPHENOL	920 U UJ C	860 U UJ C	n n 098	840 U UJ C	860 U UJ C
DIBENZOFURAN	370 U U	340 U U	340 U U	330 U U	340 U U
2,4-DINITROTOLUENE	370 U U	340 U U	340 U U	330 U U	340 U U
DIETHYL PHTHALATE	370 U U	340 U	340 U U	330 U U	340 U U
4-CHLOROPHENYL PHENYL ETH	Н 370 U	340 U	340 U U	330 U U	340 U U
FLUORENE	370 U U	340 U U	340 U U	330 U U	340 U U
4-NITROANILINE	920 U U	n n 098	n n 098	840 U U	П П 098
4,6-DINITRO-2-METHYLPHENOL	920 U U	N N 098	П П 098	840 U U	П П 098
N-NITROSODIPHENYLAMINE	370 U U	340 U U	340 U U	330 U U	75.0 J J
4-BROMOPHENYL PHENYL ETH	370 U	340 U U	340 U U	330 U U	340 U U
HEXACHLOROBENZENE	370 U U	340 U U	340 U U	330 U U	340 U U
PENTACHLOROPHENOL	920 U UJ C	n n 098	П П 098	840 U U	860 U UJ C
PHENANTHRENE	370 U U	340 U	340 U U	330 U U	340 U U
ANTHRACENE	370 U	340 U U	340 U U	330 U U	340 U U
CARBAZOLE	370 U	340 U U	340 U U	330 U U	340 U U
DI-N-BUTYL PHTHALATE	370 U U	340 U U	340 U U	330 U U	290
T-MMMR\SNAPSHOTVALIDATD\98MAR01\GROUPE.DB (896 of 896 records) 03/03/98 14:41.0 read by cshein	8MAR01\GROUPE.DI3 (896 o	of 896 records) 03/03/98 14:41	1.0 read by cshein	-	OE
T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05	8MAR01\COC.DB (1979 reco	rds) 03/05/98 15:05.2		Ogden Environmental and Energy	tal and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	B04FAA	SOZDCA	S08DCA	SI3DCA	S16DDA
OGDEN ID	B04FAA	SOZDCA	S08DCA	SI3DCA	SIGDDA
Date Sampled	10/21/97	10/8/97	10/1/97	10/20/97	9/29/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31B (UG/KG) Continued					
FLUORANTHENE	370 U U	340 U U	340 U U	330 U U	340 U U
PYRENE	370 U	340 U U	340 U	330 U U	340 U U
BENZYL BUTYL PHTHALATE	370 U U	340 U U	340 U U	330 U U	340 U U
3,3'-DICHLOROBENZIDINE	370 U U	340 U UJ C	340 U U	330 U U	340 U U
BENZO(A)ANTHRACENE	370 U U	340 U U	340 U U	330 U U	340 U U
CHRYSENE	370 U U	340 U U	340 U U	330 U U	340 U U
BIS(2-ETHYLHEXYL) PHTHALAT	T 370 U U	340 U U	340 U U	330 U U	19.0 J
DI-N-OCTYLPHTHALATE	370 U U	340 U UJ C	340 U U	330 U U	340 U U
BENZO(B)FLUORANTHENE	370 U U	340 U U	340 U U	330 U U	340 U U
BENZO(K)FLUORANTHENE	370 U U	340 U U	340 U U	330 U U	340 U U
BENZO(A)PYRENE	370 U	340 U U	340 U U	330 U U	
INDENO(1,2,3-C,D)PYRENE	370 U U	340 U	340 U	330 U U	340 U U
DIBENZ(A,H)ANTHRACENE	370 U U	340 U U	340 U	330 U U	340 U U
BENZO(G,H,I)PERYLENE	370 U	340 U U	340 U U	330 U UJ C	340 U U
THAMBIGNIAN AT IT A TIMENA BOLICED IN 100 CON. OF SOC.	AMAPONGDOIDE BOOK	of 906 money 03 103 100 14.4			
TANA MICHAEL STICLING ALLENDALDAS	SMAROLIGOG DE 21070	101 090 1ccolus) 03/03/96 14.4	I U Icau by cancill	Ogden Environment	al and Energy Service
1. UNIMIKASINAF SHO I VALIDA I DASMAKO I VCOC. DB (1979 records) 03/03/98 15:05.	8MAKUI (COC.DB (1979 rec	ords) 03/02/98 15:05.2			echnic
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

10/6/97   10/6	Name   Part	NAME AND COLUMN   NAME AND C					
10/6/97   10/6	10/6/97   10/6	1006697   1006	S16DRA S2	24DCA	S27DCA	S27DCD	
Name	Name	AMAYTICAL Lab   Bit V   GOAL   AMAYTICAL Lab   Bit V   AMAYTICAL Lab   AMAYTICAL Lab   Bit V   AMAYTICAL Lab   AMAYTICAL Lab   Bit V   AMAYTICAL Lab   AMAYTICAL Lab   AMAYTICAL Lab		0/16/97	10/6/97	10/6/97	
Name	Name	AMALYTICAL   Jack   REV.   CONT.   C					
1	U   340 U   U   340 U   U   340 U   U   340 U   U   U   U   U   U   U   U   U   U	360 U U 350 U U 350 U U 340 U U U U U 340 U U U U 340 U U U U 340 U U U U U 340 U U U U U 340 U U U U U U U U U U U U U U U U U U U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL
1	U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         U         340 U         U         U         340 U         U         U         U         U         U         340 U         U					
1	U	2         360 U         U         350 U         U         340 U         U         0         0         U         0         0         U         0         0         U         0         0         U         0         0         U         0         0         U         0         0         U         0         0         U         0         0         0         U         0         0         U         0         0         0         U         0         0         0         U         0 </td <td></td> <td>D</td> <td>n</td> <td>n</td> <td></td>		D	n	n	
U	U	360 U         U         350 U         U         340 U </td <td>360 U</td> <td>D</td> <td>ם</td> <td>n</td> <td></td>	360 U	D	ם	n	
U	U	360 U         U         350 U         U         340 U </td <td></td> <td>ח</td> <td>D</td> <td>n</td> <td></td>		ח	D	n	
1	U	360 U         U         350 U         U         340 U </td <td></td> <td>D</td> <td>D</td> <td>ח</td> <td></td>		D	D	ח	
1 U 340 U U 340 U U U 340 U U U 340 U U U U 340 U U U U U U U U U U U U U U U U U U U	U	360 U         U         350 U         U         340 U         U         U         340 U         U         U         A         A         A         A         A         A         A         A         A         A	360 U	n	n	D	
1	U	360 U         U         350 U         U         340 U         U         U         U         340 U         U         U         U         U         340 U         U         U         U         U         U         340 U         <	360 U	n	ח	n	
U	U	A         360 U         U         350 U         U         340 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U         340 U         U<	360 U	n	D	D	-
1 U 340 U U 340 U U U 340 U U U 340 U U U U 340 U U U U U U U U U U U U U U U U U U U	U	360 U U         0         350 U U         0         340 U U         0         340 U U         0 <td>360 U</td> <td>ם</td> <td>b</td> <td>ח</td> <td></td>	360 U	ם	b	ח	
1 U 340 U U 340 U U 340 U U 340 U U U U 340 U U U U 340 U U U U U 340 U U U U U U U 340 U U U U U U U U U U U U U U U U U U U	U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U           360 U         U         350 U         U         340 U         U <td>360 U</td> <td>Þ</td> <td>b</td> <td>D</td> <td></td>	360 U	Þ	b	D	
1 U 340 U U 340 U U U U 340 U U U 340 U U U 340 U U U 340 U U U U U 340 U U U U U U U U U U U U U U U U U U U	U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         0	360 U	D	n	n	
U	U	360 U U U         U         350 U U         U         340 U U         U         <	360 U	ח	D	n	
U	U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         U         U         340 U         U         U         340 U         U<		D	D	n	
1 U 340 U U 340 U U 340 U U 340 U U U U 340 U U U U U 340 U U U U U 340 U U U U U U U U U U U U U U U U U U U	U   340   U   U   U   U   340   U   U   U   U   U   U   U   U   U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         U         U         340 U         U         U         U         340 U         U		n	ח	n	
U	U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         U         340 U         U         U         340 U         U         U         340 U         U         U         U         340 U         U		n	D	b	
U	U   340   U   U   U   340   U   U   U   340   U   U   U   340   U   U   U   U   340   U   U   U   U   U   U   U   U   U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U <td< td=""><td>360 U</td><td>ח</td><td>n</td><td>n</td><td></td></td<>	360 U	ח	n	n	
U   340   U   U   340   U   U   U   340   U   U   U   340   U   U   U   U   U   U   U   U   U	U   340   U   U   U   340   U   U   U   340   U   U   U   340   U   U   U   U   340   U   U   U   U   U   U   U   U   U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         340 U         U         U         340 U         U         U         340 U         U         U         340 U         U		D	n	n	
1 U 340 U U 340 U U 340 U U 340 U U U U 340 U U U U 340 U U U U U U U U U U U U U U U U U U U	U   340   U   U   U   340   U   U   U   340   U   U   340   U   U   U   340   U   U   U   340   U   U   U   U   340   U   U   U   U   U   U   U   U   U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         U         340 U         U         U         340 U         U         U         U         340 U         U		n	D	n	
U	U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         U         340 U         U         U         340 U         U         U         340 U         U	360 U	n	D	n	
1 U 340 U U 340 U U 340 U U 340 U U U 340 U U U S 340 U U U C 340 U U U C 340 U U C 340 U U C	U   340   U   U   C   340   U   U   C   340   U   U   U   U   U   U   U   U   U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U         U         340 U         U         U         340 U         U         U         U         340 U         U		b	ם	D	
1 U 340 U U 340 U U 340 U U S 340 U U C 340 U U C 340 U U C S 340 U U U U U U C S 340 U U U U U U U U U U U U U U U U U U U	U   340   U   U   340   U   U   340   U   U   S40   U   U   C   340   U   U   C   340   U   U   C   S40   U   U   U   C   C   C   C   C   C   C	360 U         U         350 U         U         340 U         U		ם	n	n	
1 U 340 U U 340 U U C 340 U U C 340 U U C 340 U U C	1 U 340 U U 340 U U S 340 U U C 340 U U U U U U U U U U U U U U U U U U U	360 U         U         350 U         U         340 U         U         340 U         U         340 U         U	360 U	ח	ם	D	
1 U C 340 U U C 340 U U C 340 U U	U C 340 U U C 340 U U C 340 U U C 340 U U C Ogden Environmental and Energy	360 U         U         350 U         U         340 U         U         340 U         U	360 U	ח	n	n	
1 UJ C 340 U UJ C 340 U U	U C 340 U U C 340 U U C 340 U D C Ogden Environmental and Energy	360 U         UJ         C         350 U         U         340 U         U         C         340 U         U           360 U         U         350 U         U         340 U         U         340 U         U	-	þ	D	ח	
340 U	Ogden Environmental and Energy	360 U U 350 U U 340 U U 340 U	U	ח	U UJ	U UJ	
	Ogden Environmental and Energy			n	ם	n	-
	Ogden Environmental and Energy		IDATD\98MAR01\GROUPE.DB (896 of 8	396 records) 03/03/98 14:4	1.0 read by cshein		
1:WEWKSNAPSHOTVALDALDV8MAKUTCOC.DB (1979 records) 03/05/98 15:05.2	i.i.c.C						

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

SI6DRA	S24DCA S27DCA S27DCA S27DCA S27DCA	S27DCA	S27DCD	
		10/6/97	10/6/97	
	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL IAB REV QUAL RESULT QUAL QUAL CODE
	n n 068	n n 098	N 0 098	
	350 U U	340 U U	340 U U	
	n n 068	n n 098	860 U U	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	n n 068	U U 008	N 098	
	350 U U	340 U U	340 U	
	U U 008	860 U UJ C	860 U UJ C	
	890 U UJ C	n n 098	n n 098	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	Ω Ω 068	n n 098	N 0 08	
	U U 068	860 U UJ C	860 U UJ C	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	n n 068	U U 098	N N 098	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
	350 U U	340 U U	340 U U	
		240 11 11	340 11 11	

FAMMRASNAPSHOTAVALIDATIN98MAR01\GROUPE.DB (896 of 896 records) 03/03/98 14:41.0 read by eshein T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Ogden Environmental and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OM31B
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Data for
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GROUP

March   Marc	EPA NO	S16DRA	S24DCA	SZ/DCA	SZ/DCD	6
1006/97   1006/97   10016/97   100	OGDEN ID	SI6DRA	S24DCA	S27DCA	S27DCD	
1	pa	10/6/97	10/16/97	10/6/97	10/6/97	
MB REV QUAL  ALL QUAL  TO U  T	Depth					
	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	REV	LAB REV QUAL QUAL	LAB REV QUAL QUAL
	OM31B (UG/KG) Continued					
	FLUORANIHENE		ם	n	D	
	PYRENE			ם	b	
	BENZYL BUTYL PHTHALATE					
	3,3'-DICHLOROBENZIDINE	UJ		UI	m	
	BENZO(A)ANTHRACENE	360 U U			D	
	CHRYSENE				n	
	BIS(2-ETHYLHEXYL) PITTIALA	360 U	-	36.0 J	Þ	
	DI-N-OCTYLPHTHALATE			D	Þ	
	BENZOGBJELJJORANTHENE					
	BENZO(K)FLUORANTHENE					
	BENZO(A)PVRENE					
	MIDENO(A) I INCINE					
	INDEINO(1,2,5-C,D)F TRENE					
D	DIBENZ(A,H)ANTHRACENE		-			
	BENZO(G,H,I)PER YLENE		n n	n	D	
2	T:\MMR\\SNAPSHOT\VALIDATD\98	8MAR01\GROUPE.DB (896	of 896 records) 03/03/98 14:41	0 read by cshein	Ogden Environmenta	ll and Energy Service
	T:\MMR\SNAPSHOT\VALIDATD\98 <prg not="" selected="" table=""></prg>	8MAR01\COC.DB (1979 rec				Cinica
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#### Thu Mar 05 15:50 1998 Page 1 of 21

## Validated MMR Data, period 9-Feb-98 to 1-Mar-98

#### GROUP F: Water Data for Method OC21B

EPA NO	S02DCE	S14DCE	S27DCE	W01DDA	WOIDDE
OGDEN ID	S02DCE	S14DAE	S27DCE	W01DDA	WOIDDE
Date Sampled	10/9/97	7/21/97	10/6/97	10/1/97	9/30/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UGA)					
PHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BIS(2-CHLOROETHYL) ETHER (	(2 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-CHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
1,3-DICHLOROBENZENE	5.00 U R *10	5.00 U U	5.00 U R *10	5.00 U R *10	5.00 U R *10
1,4-DICHLOROBENZENE	5.00 U R *10	5.00 U U	5.00 U R *10	5.00 U R *10	5.00 U R *10
1,2-DICHLOROBENZENE	5.00 U R *10	5.00 U U	5.00 U R *10	5.00 U R *10	5.00 U R *10
2-METHYLPHENOL (O-CRESOL)	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,2'-OXYBIS(1-CHLORO)PROPAN	N 5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
4-METHYLPHENOL (P-CRESOL)	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
N-NITROSODI-N-PROPYLAMINE	E 5.00 U U	5.00 U U	5.00 U U	S.00 U U	5.00 U U
HEXACHLOROETHANE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
NITROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
ISOPHORONE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-NITROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DIMETHYLPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BIS(2-CHLOROETHOXY) METHA	A 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DICHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
1,2,4-TRICHLOROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
NAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-CHLOROANILINE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROBUTADIENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-CHLORO-3-METHYLPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-METHYLNAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U
HEXACHLOROCYCLOPENTADIE	E 5.00 U U	5.00 U U	5.00 U U	5.00 U UJ C	5.00 U U
2,4,6-TRICHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
		1			

TAMMRISNAPSHOTIVALIDATID/98MAR01/GROUPF. DB (2240 of 2240 records) 03/03/98 14:44.0 read by cshein

T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO SO	S02DCE	S14DCE	S27DCE	W01DDA	W01DDE
OGDEN ID SO	S02DCE	S14DAE	S27DCE	W01DDA	W01DDE
Date Sampled 10	10/6/01	7/21/97	10/6/97	10/1/97	9/30/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L) Continued					
2,4,5-TRICHLOROPHENOL	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
2-CHLORONAPHTHALENE	S.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-NITROANILINE	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
DIMETHYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
ACENAPHTHYLENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,6-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
3-NITROANILINE	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
ACENAPHTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DINITROPHENOL	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
4-NITROPHENOL	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
DIBENZOFURAN	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
DIETHYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
FLUORENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-CHLOROPHENYL PHENYL ETH	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
4-NITROANILINE	20.0 U U	20.0 U U	20.0 U U	20.0 U UJ C	20.0 U U
4,6-DINITRO-2-METHYLPHENOL	20.0 U U	20.0 U U	20.0 U	20.0 U U	20.0 U U
N-NITROSODIPHENYI, AMINE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-BROMOPHENYL PHENYL ETH	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	S.00 U U
PENTACHLOROPHENOL	20.0 U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
PHENANTHRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
CARBAZOLE	S.00 U U	5.00 U U	5.00 U U	5.00 U UJ C	5.00 U U
DI-N-BUTYL PHTHALATE	5.00 U U	S.00 U U	5.00 U	5.00 U U	5.00 U U
T:WMR\SNAPSHOT\VALIDATID\98MAR01\GROUPF: D\3 (2240 of 2240 records) 03/03/98 14 44.0 read by cshein	AAR01\GROUPF.DB (2240	of 2240 records) 03/03/98 14	44.0 read by cshein		OE
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.	AAR01\COC.DB (1979 reco	ds) 03/05/98 15:05.2		Oguell Environmental and Energy	al allu Ellel By Sel vices
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

NO   DO   MOID	Statistics   Sta	N ID  ampled  d  d  Ate  Ate  CORANTHENE  ENE  ZYL BUTYL PHTHALATE  DICHLOROBENZIDINE	S14DAE 7/21/97	S27DCE	W01DDA	WOLDDE
The color of the	Machine   Mach	ampled  d  d  Ate.  3 (UG/L) Continued  ORANTHENE  ENE  ZYL BUTYL PHTHALATE  DICHLOROBENZIDINE	7/21/97			WOIDU
ACACH LIPPER CONTINUED         Stool U         U         Sto	Avantage	d Ae ACAL) Continued ORANTHENE ENE ZYL BUTYL PHTHALATE DICHLOROBENZIDINE		10/6/97	10/1/97	9/30/97
CHORANTHENE         SOUL U         SO	EV QUAL ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE OLD U U S.00 U U U U U U U U U U U U U U U U U U	e (UG/L) Continued RANTHENE NE NY YL BUTYL PHTHALATE ICHLOROBENZIDINE				
ALATE \$500 U U 500 U U U 500 U	5.00 U U U U U 5.00 U U U 5.00 U U U 5.00 U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U 5.00 U U 5.00 U U U 5.00 U U 5.00 U U 5.00 U 5.00 U U 5.00 U 5.	5.00 U 5.00 U 5.00 U 5.00 U 5.00 U	ANALYTICAL LAB REV RESULT QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB
ALATE 500 U U	0 5.00 U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00 U U 5.00 U U U 5.00 U U U 5.00	5.00 U 5.00 U ALATE 5.00 U 5.00 U				
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## 500 U U U 500 U U U U	0 5.00 U U U U U 5.00 U 5.00 U U 5.00 U 5.00 U U 5.00 U	5.00 U	ח			n
ALAT 5.00 U U U U U U 5.00 U U U U U 5.00 U U U U 5.00 U U U	0 5.00 U U U 5.00 U U U 5.00 U U 5.00 U U U 5.00 U U 5.00	5.00 U	n	D	n	ח
3.00 U       U       5.00 U       U <td>5.00 U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U 5.00 U U U 5.00 U U U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00 U 5.00</td> <td></td> <td>n</td> <td>D</td> <td>U UJ</td> <td>n</td>	5.00 U U U U U U 5.00 U U U U U 5.00 U U U 5.00 U U U 5.00 U U U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00		n	D	U UJ	n
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5.00 U       U       0       0       0       U       0       0       0       0       0       0       0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	5.00 U	ח	D	ח	ם
5.00 U       U       0       0       0       U       0       0       0       0       0       0       0       0       0       0       0       0 <td>0 5.00 U U U U U 5.00 U U U U 5.00 U U U U U U U U U U U U U U U U U U</td> <td>5.00 U</td> <td>ם</td> <td>ם</td> <td>ם</td> <td>n</td>	0 5.00 U U U U U 5.00 U U U U 5.00 U U U U U U U U U U U U U U U U U U	5.00 U	ם	ם	ם	n
5.00 U       U       0       5.00 U       U       0       5.00 U       U       0	5.00 U U U 5.00 U U U 5.00 U U U 5.00 U U U	5.00 U	D	ר	n	D
5.00 U       U       0       5.00 U       U       0       5.00 U       U       0       5.00 U       U       0 <td>5.00 U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00 U U U U S.00 U U U U S.00 U U U U U S.00 U U U U U U U U U U U U U U U U U U</td> <td>5.00 U</td> <td>ח</td> <td>D</td> <td>D</td> <td>D</td>	5.00 U U U 5.00 U U U U S.00 U U U U S.00 U U U U U S.00 U U U U U U U U U U U U U U U U U U	5.00 U	ח	D	D	D
5.00 U U       5.00 U U <td< td=""><td>5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00 U U U U U U U U U U U U U U U U U U</td><td>5.00 U</td><td>ח</td><td><math>\Box</math></td><td>ח</td><td>n</td></td<>	5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00 U U U U U U U U U U U U U U U U U U	5.00 U	ח	$\Box$	ח	n
5.00 U U       0.0 <td>5.00 U U 5.00 U U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>YRENE 5.00 U</td> <td></td> <td><math>\Box</math></td> <td>D</td> <td>Þ</td>	5.00 U U 5.00 U U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	YRENE 5.00 U		$\Box$	D	Þ
5.00 U U 5.00	03/98 14:44.0 read by cshein	5.00 U				n
	(03/98 14:44.0 read by cshein	5.00 U	n	n	n	n
	(03/98 14:44.0 read by cshein					
	/03/98 14:44.0 read by cshein					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WOIMMA	WOIMME	W01SSA	W01SSD	W01SSE
OGDEN ID	WOIMMA	WOIMME	W01SSA	W01SSD	W01SSE
Date Sampled	9/29/97	9/29/97	9/30/97	9/30/97	9/30/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L)					
PHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
BIS(2-CHLOROETHYL) ETHER (	(2 5.00 U U	5.00 U U	S.00 U U	5.00 U U	5.00 U U
2-CHLOROPHENOL	5.00 U U	5.00 U U	S.00 U U	5.00 U U	5.00 U U
1,3-DICHLOROBENZENE	5.00 U R *10				
1,4-DICHLOROBENZENE	5.00 U R *10				
1,2-DICHLOROBENZENE	5.00 U R *10				
2-METHYLPHENOL (O-CRESOL)	5.00 U U				
2,2'-OXYBIS(1-CHLORO)PROPAN	N 5.00 U U	5.00 U U	5.00 U UJ C	5.00 U UJ C	5.00 U U
4-METHYLPHENOL (P-CRESOL)	5.00 U U				
N-NITROSODI-N-PROPYLAMINE	3 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROETHANE	5.00 U U				
NITROBENZENE	5.00 U U	5.00 U U	S.00 U U	5.00 U U	5.00 U U
ISOPHORONE	5.00 U U	5.00 U U	S.00 U U	5.00 U U	5.00 U U
2-NITROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U
2,4-DIMETHYLPHENOL	5.00 U U				
BIS(2-CHLOROETHOXY) METHIA	A 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DICHLOROPHENOL	5.00 U U				
1,2,4-TRICHLOROBENZENE	5.00 U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
NAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U
4-CHLOROANILINE	5.00 U U				
HEXACHLOROBUTADIENE	5.00 U U				
4-CHLORO-3-METHYLPHENOL	5.00 U U				
2-METHYLNAPHTHALENE	5.00 U U	U 00.05	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROCYCLOPENTADIE	E 5.00 U UJ C	5.00 U U	5.00 U UJ C	5.00 U UJ C	5.00 U U
2,4,6-TRICHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
TALL OF CONTROL OF THE STATE OF	ON COLCIA TOTAL TOTAL OF A LO	11-1-100/10/10/10/10/10/10/10/10/10/10/10/10/			

T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPFIDB (2240 of 2240 records) 03/03/98 14:44.0 read by cshein

Ogden Environmental and Energy Services

TAMMRASNAPSHOTAVALIDATD98MAR01ACOC.DB (1979 records) 03/05/98 15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Moltskip   Depte   Moltskip   M						
9/30/97   9/30		01MMA	WOIMME	W01SSA	W01SSD	W01SSE
Column   C		29/97	9/29/97	9/30/97	9/30/97	9/30/97
Column   C	Depth					
20.0 U U S 5.00 U U U S 5.00 U U U S 5.00 U U S 5.00 U U U U U U U U U U U U U U U U U U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB
Color   Colo	OC21B (UG/L) Continued					
Color   Colo	2,4,5-TRICHLOROPHENOL		n	n	n	D
Color   Colo	2-CHLORONAPHTHALENE		n	n	n	n
Soo   U   Soo   U   Soo   U   Soo   U   U   Soo   U   Soo   U   Soo   U   Soo   U   Soo   U   Soo   U   U   Soo   U   Soo   U   Soo   U   Soo   U   Soo   U   Soo   U   U   Soo   U   Soo   U   Soo   U   Soo   U   Soo   U   Soo   U   U   Soo   U   Soo   U   Soo   U   Soo   U   Soo   U   Soo   U   U   Soo	2-NITROANILINE		n	D	þ	n
Color   Colo	DIMETHYL PHTHALATE		D	D	n	n
1	ACENAPHTHYLENE	n	D	D	n	D
Color   Colo	2,6-DINITROTOLUENE	n	ח	n	D	n
Color   Colo	3-NITROANILINE		n	n	D	n
Color   Colo	ACENAPHTHENE		D	D	n	n
Color   Colo	2,4-DINITROPHENOL		n	D	n	ח
Color   Colo	4-NITROPHENOL		D	n	n	n
U   S.00   U   U   U   U   S.00   U   U   U   S.00   U   U   U   S.00   U   U   U   U	DIBENZOFURAN		ח	ח	n	n
Color   Colo	2,4-DINITROTOLUENE	D	b	n	b	n
U         5.00 U         U<	DIETHYL PHTHALATE	ם	5.00 U U	n	D	n
U         5.00 U         U<	FLUORENE			n	n	n
U	4-CHLOROPHENYL PHENYL ETH		n	n	n	n
U 5.00 U U 5.00 U U 5.00 U U 5.00 U U C 5.00 U U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U U U 5.00 U U U U U U 5.00 U U U U U U U U U U U U U U U U U U	4-NITROANILINE		n	n	D	n
U 5.00 U U 5.00 U U 5.00 U U 5.00 U U 5.00 U 5.00 U 5.00 U 5.00 U U 5.00 U U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U U 5.00 U 0 5.00 U 5.00 U 0 5.00 U 5.00 U 0 5.00 U 5.00	4,6-DINITRO-2-METHYLPHENOL		n	ם	D	ם
U 5.00 U 5.00 U 5.00 U 5.00 U U 5.00 U 5.00 U U 5.00	N-NITROSODIPHENYLAMINE		n	D	n	n
U	4-BROMOPHENYL PHENYL ETH		ם	D	n	ח
U 5.00 U U 5	HEXACHLOROBENZENE		ם	D	n	n
U 5.00 U 5.00 U U	PENTACHLOROPHENOL		n	ח	n	n
U 5.00 U 5.00 U 0 5.00 U U 5.00 U 0 5.00 U 5.00 U 0 0 0 5.00 U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PHENANTHRENE		n	n	n	n
U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U U 5.00 U U 5.00 U U 5.00 U 5	ANTHRACENE		n	n	n	n
U         5.00 U         U         S.00 U         U         S.00 U           703/98 14:44.0 read by cshein         Ogden Environmental and Energy	CARBAZOLE		D 00	n	n	n
.2 Ogden Environmental and Energy	DI-N-BUTYL PHTHALATE		U 00.	D 00	D 00	n
Ogden Environmental and Energy	T.VMMR\SNAPSHOT\VALIDATD\98M	1AR01\GROUPF.DB (2240		44.0 read by cshein		
7	W89/CT ACT I A VITOR BEHAVIOR	AAPOIVOO DR (1979 reco	edes 03/05/08 15-05 2		Ogden Environment	al and Energy Servic
	Copp. (at least of the least of	TANOT (COC.DD) (1777 1000				
	YKU table not selected>					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WOIMMA	W01MME	W01SSA	W01SSD	W01SSE
OGDEN ID	WOIMMA	WOIMME	W01SSA	WolssD	W01SSE
Date Sampled	76/56/97	9/29/97	9/30/97	9/30/97	9/30/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I.AB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L) Continued					
FLUORANTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
PYRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZYL BUTYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
3,3'-DICHLOROBENZIDINE	5.00 U U	S.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(A)ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
CHRYSENE	5.00 U U	5.00 U U	5.00 U	5.00 U U	5.00 U U
BIS(2-ETHYLHEXYL) PHTHALAT	T 5.00 J U B	5.00 U U	5.00 J U B	5.00 J U B	5.00 U U
DI-N-OCTYLPHTHALATE	5.00 U	5.00 U U	5.00 U	5.00 U U	5.00 U U
BENZO(B)FLUORANTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(K)FLUORANTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(A)PYRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
INDENO(1,2,3-C,D)PYRENE	5.00 U U	5.00 U U	5.00 U UJ C	5.00 U UJ C	5.00 U U
DIBENZ(A,H)ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(G,H,I)PER YLENE	5.00 U U	5.00 U U	5.00 U UJ C	5.00 U UJ C	5.00 U U
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPF.DB (2240 of 2240 records) 03/03/98 14:44.0 read by cshein T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	98MAR01\GROUPF.DB (2240) 98MAR01\COC.DB (1979 rec	of 2240 records) 03/03/98 14.	:44.0 read by cshein	Ogden Environment	Ogden Environmental and Energy Services
<prg not="" selected="" table=""></prg>			•		cal Infor

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OC21B
r Method
Data for
F: Water
GROUP

Compact   Comp						
10/18/97   10/18/97   10/18/97   10/17/97		W15DDA	WISSSA	W15SSE	W9506A	W9515A
Stool   U		10/9/97	10/8/97	10/8/97	10/17/97	10/17/97
Note	Depth					
5.00 U         U         5.	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	YTICAL LAB REV	LAB REV QUAL QUAL	LAB REV QUAL QUAL	QUAL
Stool U         U         Stool U         U <th< td=""><td>OC21B (UGA)</td><td></td><td></td><td></td><td></td><td></td></th<>	OC21B (UGA)					
Soo   U         U         Soo   U         U <th< td=""><td>PHENOL</td><td></td><td>5.00 U U</td><td>n</td><td>n</td><td>n</td></th<>	PHENOL		5.00 U U	n	n	n
Soo IU         R         10         5.00 IU         R		5.00 U	D	n		n
5.00 U         R         *10         \$2.00 U         R         *20	2-CHLOROPHENOL		D 00	D	n	n
5.00         M         *10         5.00         M         *20         M         M         *20 </td <td>1,3-DICHLOROBENZENE</td> <td>UR</td> <td>UR</td> <td>UR</td> <td>UR</td> <td>D</td>	1,3-DICHLOROBENZENE	UR	UR	UR	UR	D
S.00         I         *10         S.00         I         *10         S.00         I         *10         S.00         I         S.00         I         S.00         I         I         S.00	1,4-DICHLOROBENZENE	UR	U R	U R	UR	n
\$.00         U         \$.00         \$.00         U         \$.00         \$.00         \$.00         U	1,2-DICHLOROBENZENE	UR	UR	UR	UR	Ω
5.00 U         U         5.00 U         D         D         5.00 U         D         5.00 U         D         D         D	2-METHYLPHENOL (O-CRESOL)	n	D	D	n	n
5.00 U         U         5.00 U         E         E         5.00 U         E         E         E         E         E         E         E <t< td=""><td>2,2'-OXYBIS(1-CHLORO)PROPAN</td><td>5.00 U</td><td>b</td><td>D</td><td>n</td><td>n</td></t<>	2,2'-OXYBIS(1-CHLORO)PROPAN	5.00 U	b	D	n	n
5.00 U         U         5.	4-METHYLPHENOL (P-CRESOL)	n	D	n	n	
5.00         U         S.00	N-NITROSODI-N-PROPYLAMINE	ח		D	D	ח
5.00 U         U         5.00 U         E.00 U	HEXACHLOROETHANE	ם	D	D	n	ם
5.00 U         U         5.00 U         E         5.00 U         E         5.00 U         E         5.00 U         E	NITROBENZENE	D	n	n	n	n
5.00 U         U         5.	ISOPHORONE	'n	D	D	n	n
5.00 U         U         5.	2-NITROPHENOL	D	D	D	n	D
5.00 U         U         5.00 U         0.00 U	2,4-DIMETHYLPHENOL	D	n	n	b	n
5.00 U         U         5.00 U         D         D         5.00 U         D<	BIS(2-CHLOROETHOXY) METHA	5.00 U	ב	n	Þ	D
5.00 U         U         5.00 U         D         D         5.00 U         D         D         D         D         D	2,4-DICHLOROPHENOL	n	D	n	n	D
5.00 U         U         5.00 U         D         D         5.00 U         D         D         D	1,2,4-TRICHI,OROBENZENE	D	ח	D	ח	$\supset$
5.00 U         U         5.00 U         6.00 U <th< td=""><td>NAPHTHALENE</td><td>þ</td><td>b</td><td>D</td><td>n</td><td>ח</td></th<>	NAPHTHALENE	þ	b	D	n	ח
5.00 U         U         5.00 U         D         5.00 U         U         5.00 U         D         D         5.00 U         D	4-CHLOROANILINE	n	n	n	n	n
5.00 U         U         0         0         U         0         0         0         0         0         0         0 </td <td>HEXACHLOROBUTADIENE</td> <td>n</td> <td>n</td> <td>D</td> <td>D</td> <td>n</td>	HEXACHLOROBUTADIENE	n	n	D	D	n
5.00 U         U         5.00 U         D         5.00 U         U         5.00 U         D         D         5.00 U         D         D         D         D         D	4-CHLORO-3-METHYLPHENOL		n	ח	D	ח
5.00 U         UJ         C         5.00 U         U         U         5.00 U         U         S.00 U         U         U         S.00 U         U         S.00 U         U         U         U         U         S.00 U         U         U         U         U         U         U         U         U         U	2-METHYLNAPHTHALENE	D	D	n	D	n
5.00 U         U         Freecords         Ogden Environmental and Energy         U         5.00 U         U         Freecords         U         Freecords         U         Freecords         U         Freecords         U         U         Freecords         U	HEXACHLOROCYCLOPENTADIE	5.00 U UJ	.00 U UJ	D	U UJ	n
records) 03/03/98 14.44.0 read by cshein Ogden Environmental and Energy	2,4,6-TRICHLOROPHENOL		U 00	U 00	00.	$\Box$
5/98 15:05.2 Ogden Environmental and Energy	T:\MMR\SNAPSHOT\VALIDATD\98	MAR01\GROUPF.DB (2240	of 2240 records) 03/03/98 14	44.0 read by cshein		
	T-IMMRISNAPSHOTIVALIDATION98	MAROTYCOC DR (1979 reco	rds) 03/05/98 15:05 2		Ogden Environment	Energy
	VDDG takle not colouted.					
	STAKE TABLE HOL SELECTED					

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WISDDA	WISSSA	W15SSE	W9506A	W9515A
OGDEN ID	W15DDA	W15SSA	W15SSE	W9506A	W9515A
Date Sampled	10/6/61	10/8/97	10/8/97	10/17/97	10/17/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UGA) Continued					
2,4,5-TRICHLOROPHENOL	22.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
2-CHLORONAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-NITROANILINE	22.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
DIMETHYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
ACENAPHTHYLENE	5.00 U U	5.00 U U	5.00 U U	S.00 U U	5.00 U U
2,6-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
3-NITROANILINE	22.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
ACENAPHTHENE	5.00 U U	5.00 U	5.00 U U	5.00 U U	S.00 U U
2,4-DINITROPHENOL	22.0 U U	21.0 U	20.0 U U	20.0 U U	20.0 U U
4-NITROPHENOL	22.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
DIBENZOFURAN	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
DIETHYL PHTHALATE	5.00 U U	5.00 U U	8.00	5.00 U U	5.00 U U
FLUORENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-CHLOROPHENYL PHENYL ETH	U U 00.20 H	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-NITROANILINE	22.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
4,6-DINITRO-2-METHYLPHENOL	. 22.0 U U	21.0 U U	20.0 U U	20.0 U	20.0 U U
N-NITROSODIPHENYLAMINE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-BROMOPHENYL PHENYL ETH	5.00 U U	5.00 U U	5.00 U U	S.00 U U	5.00 U U
HEXACHLOROBENZENE	5.00 U U	5.00 U U	5.00 U U	S.00 U U	5.00 U U
PENTACHI, OROPHENOL	22.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
PHENANTHRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
CARBAZOLE	5.00 U U	5.00 U UJ C	5.00 U U	5.00 U U	5.00 U U
DI-N-BUTYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
TAMMRISNAPSHOTAVALIDATDA98MAR01\GROUPF.DI3 (2240 of 2240 records) 03/03/98 14:44.0 read by cshein	MAR01/GROUPF.DB (2240	of 2240 records) 03/03/98 14:	44.0 read by cshein	Octor Parisonne	OE OCIONAL DE CONTRACTOR DE CO
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05	MAR01/COC.DB (1979 reco	ords) 03/05/98 15:05.2		Ogucii Environinent	
<prg not="" selected="" table=""></prg>					nucal
					Infor
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

October 10   Oct	EPA NO	WISDDA	W15SSA	WISSE	W9506A	W9515A
1008/97   1008	OGDEN ID	WISDDA	W15SSA	W15SSE	W9506A	W9515A
## ANALYTICAL LAS REY GAAL  ## PERSON TO	Date Sampled	10/9/97	10/8/97	10/8/97	10/17/97	10/17/97
Stool U U U U U U Stool U U U U U U Stool U U U U Stool U U U U U Stool U U U U U U U U Stool U U U U U U U U U U U U U U U U U U	Depth					
5.00 U U U U U 5.00 U U U U 5.00	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL
5.00 U U U 5.00 U U 5.00 U U	OC21B (UG/L) Continued					
5.00 U U U 5.00 U U U U 5.00 U U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U U 5.00 U U U U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U U U 5.0	FLUORANTHENE		ח	D	D	D
5.00 U U U 5.00 U U U 5.00 U U U	PYRENE		b	D	U UJ	U UJ
5.00 U UJ C 5.00 U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U U U U U U U U U U U U U U U	BENZYL BUTYL PHTHALATE	ם	b	n	ח	n
5.00 U U U 5.00 U U U 5.00 U U U U 5.00 U U U U 5.00 U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U U 5.00 U U U	3,3'-DICHLOROBENZIDINE		U UJ	n	D	n
5.00 U U U 5.00 U 5.00 U U 5.00	BENZO(A)ANTHRACENE	n	b	n	ם	n
5.00 J UJ B 5.00 U U U U U 5.00 U U U 5.00 U U U 5.00 U U U U U 5.00 U U U 5.00 U U U U 5.	CHRYSENE	ח	n	n	ח	n
5.00 U U U U U 5.00 U 5.	BIS(2-ETHYLHEXYL) PITTHALA	5.00 J U	J UJ	n	ם	-
5.00 U U U U U 5.00 U U U U 5.00 U 5.00 U U 5.00	DI-N-OCTYLPHTHALATE	ח	ם	n	D	n
5.00 U U U U U 5.00 U U U U 5.00 U 5	BENZO(B)FLUORANTHENE	ח	ר	ח	D	n
5.00 U U U 5.00 U U U 5.00 U U U 5.00 U U U U 5.00 U U U U U 5.00 U U 5.00 U U 5.00 U U 5.00 U 5.0	BENZO(K)FLUORANTHENE	D	ח	$\Box$	Ω	D
5.00 U U U 5.00 U U U U C 5.00 U U U U C 5.00 U U U U U U U U U U U U U U U U U U	BENZO(A)PYRENE	ח	Þ	ח	٦	D
5.00 U U S.00 U U S.00 U U S.00 U U U U U U U U U U U U U U U U U U	INDENO(1,2,3-C,D)PYRENE	n	ח	n	D	D
5.00 U UJ C 5.00 U U	DIBENZ(A,H)ANTHRACENE	n	ח	D	n	D
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2	BENZO(G,H,I)PER YLENE		U UJ	n	U UJ	U UJ
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2						
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2						
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2						
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2						
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2						
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2						
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2						
records) 03/03/98 14:44.0 read by cshein 5/98 15:05.2						
5/98 15:05.2	T:\MMR\SNAPSHOT\VALIDATD\9	8MAROI\GROUPF.DB (2240	of 2240 records) 03/03/98 14	.44.0 read by cshein	Oadon Franconmon	tol and Engrav Corvice
	T:\MMR\\SNAPSHOT\VALIDATD\9	8MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2		Oguen Environmen	tal and Ellergy Service
nforr	<prg not="" selected="" table=""></prg>					bbed. I

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	W9515E	WC10XA	WC10XE	WCITXA	WCIIXE
(I)	W9515E	WC10XA	WC10XE	WC11XA	WC11XE
Date Sampled	10/17/97	10/1/97	10/1/97	10/2/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	L ANALYTICAL LAB REV QUAL E RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L)					
PHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BIS(2-CHLOROETHYL) ETHER (2	2 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-CHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
1,3-DICHLOROBENZENE	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10
1,4-DICHLOROBENZENE	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10
1,2-DICHLOROBENZENE	5.00 U R *10	) 5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10
2-METHYLPHENOL (O-CRESOL)	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
2,2'-OXYBIS(1-CHI,ORO)PROPAN	V 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-METHYLPHENOL (P-CRESOL)	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
N-NITROSODI-N-PROPYLAMINE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROETHANE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
NITROBENZENE	5.00 U U	5.00 U U	5.00 U U	S.00 U U	5.00 U U
ISOPHORONE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-NITROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DIMETHYLPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BIS(2-CHLOROETHOXY) METHA	A 5.00 U U	5.00 U U	5.00 U U	S.00 U U	5.00 U U
2,4-DICHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
1,2,4-TRICHLOROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
NAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-CHI.OROANII.INE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROBUTADIENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-CHLORO-3-METHYLPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-METHYLNAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROCYCLOPENTADIE	E 5.00 U U	5.00 U UJ C	5.00 U U	5.00 U UJ C	5.00 U U
2,4,6-TRICHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
COLUMN CHI TA THE PROPERTY OF THE PARTY OF T		00,000			
LUMINIKUSINAESHOTIVVALIDA LIDASIMAKOTUEEDIS (2240 SI 2240 FESOTAS) 03/03/98 14:44.0 FEAD BY CSHEIN TANAADISMADELIOTIVAT IDA TIDOQNAADOTIVOOLIDIS (2000–46) 03/05/09 15:05 3	8MARUI VOROUPF. DB (2)	240 of 2240 records) 03/03/98 1	4.44.0 read by csnein	Ogden Environmental and	al and Energy Services
Continue Silvino Automotive Silvino Si	SIMINITY OF COC. LOS (1979)				chnica
They table not selected			•		al Info
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OGDEN ID	W9515F		The second secon		
	WOULD	WC10XA	WC10XE	WC11XA	WC11XE
Date Sampled	10/17/97	16/1/01	10/7/97	10/2/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UGL) Continued					
2,4,5-TRICHLOROPHENOL	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
2-CHLORONAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	S.00 U U
2-NITROANILINE	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
DIMETHYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
ACENAPHTHYLENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,6-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
3-NITROANILINE	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U
ACENAPHTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DINITROPHENOL	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U
4-NITROPHENOL	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
DIBENZOFURAN	5.00 U U	5.00 U U	S.00 U U	5.00 U U	5.00 U U
2,4-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
DIETHYL PHTHALATE	S.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
FLUORENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-CHLOROPHENYL PHENYL ETH	н 5.00 U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-NITROANILINE	20.0 U U	20.0 U U	20.0 U U	20.0 U UJ C	20.0 U U
4,6-DINITRO-2-METHYLPHENOL	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
N-NITROSODIPHENYLAMINE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-BROMOPHENYL PHENYL ETH	1 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
PENTACHLOROPHENOL	20.0 U U	20.0 U U	20.0 U U	20.0 U U	20.0 U U
PHENANTHRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
CARBAZOLE	5.00 U U	5.00 U UJ C	5.00 U U	5.00 U UJ C	5.00 U U
DI-N-BUTYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
T-MMR/SNAPSHOTTVATIDATTA98MAROLYGROIDE DB (2240 of 2240	RMAROINGROUPE DR (2240	of 2240 records) 03/03/98 14-44 0 read by eshein	44 0 read by cshein		
T.MAARISINA DEHOTIVA I IDATTINOSMA DAIVOCI DE 11070 - 200 15-05	OMAPOTICOCO DE 11970 seco	ade) 03/05/09 15:05 2		Ogden Environmental and Energy	al and Energy Service
TODO TOTAL STORY OF THE STORY O	OMMAN TO COC. DD (1777100				chnic
KU table not selected>					a uu
					201

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	W9515E	WC10XA	WC10XE	WC11XA	WC11XE
OGDEN ID	W9515E	WC10XA	WC10XE	WC11XA	WCIIXE
Date Sampled	10/17/97	10/1/97	10/1/97	10/2/97	10/2/97
Depth					1
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL GODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
OC21B (UGA) Continued					
FLUORANTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U
PYRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZYL BUTYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U
3,3'-DICHLOROBENZIDINE	5.00 U U	5.00 U UJ C	5.00 U U	5.00 U UJ C	S.00 U U
BENZO(A)ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U · U	5.00 U U
CHRYSENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BIS(2-ETHYLHEXYL) PHITHALAT	T 5.00 U U	5.00 JB U B	5.00 J U B	4.00 J	5.00 U U
DI-N-OCTYLPHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(B)FLUORANTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(K)FLUORANTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(A)PYRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
INDENO(1,2,3-C,D)PYRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
DIBENZ(A,H)ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(G,H,I)PERYLENE	5.00 U U	5.00 U UJ C	5.00 U U	5.00 U U	S.00 U
T:MMMR\SNAPSHOT\VALIDATD\98MAR01\GROUPF.DB (2240 of 2240 records) 03/03/98 14:44.0 read by cshein T:MMMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2 <a href="https://doi.org/10.104710/98MAR01\COC.DB">PRG table not selected&gt;</a>	8MAR01/GROUPE DIS (2240 8MAR01/COC.DIS (1979 rec	of 2240 records) 03/03/98 14 ords) 03/05/98 15:05.2	:44.0 read by cshein	Ogden Environmental and Energy	al and Energy Services and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

MCSEXA  10/6/97  STHER (2 5.00 U	U CODE # 10	MCSEXE  10/6/97  ANALYTICAL LAB REV RESULT QUAL QUAL  5.00 U U  5.00 U U  5.00 U W  5.00 U W	CODE	I AB		WC6EXD 10/3/97	WC6EXE 10/3/97	
ampled  d  d  Ate  Ate  LOROPHENOL  BICHLOROBENZENE  DICHLOROBENZENE  DICHLOROBENZENE  DICHLOROBENZENE  DICHLOROBENZENE  SITHYLPHENOL (O-CRESOL)  OXYBIS(1-CHLORO)PROPAN  SITHYLPHENOL (P-CRESOL)  TROSODI-N-PROPYLAMINE	U C	SULT QUAL SULT COLU 5.00 U	QUAL	YTCAL LAB		10/3/97	10/3/97	
d  d  (UGL)  NOL  2-CHLOROETHYL) ETHER (2  LOROPHENOL  NICHLOROBENZENE  SICHLOROBENZENE  SICHLOROBENZENE  SICHLOROBENZENE  SITHYLPHENOL (O-CRESOL)  OXYBIS(1-CHLORO)PROPAN  STHYLPHENOL (P-CRESOL)  TROSODI-N-PROPYLAMINE	U	STUTT ALL LAB STUTT OUAL 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U	OUAL CODE	TAB			The same of the sa	
ROETHYL, ETHER (2 HENOL ROBENZENE ROBENZENE ROBENZENE ROBENZENE HENOL (O-CRESOL) 1-CHLORO)PROPAN HENOL (P-CRESOL)	U U C	SULT OUAL LAB SULT OUAL SULT OUAL LAB SULT OUAL LAB SOU U 5.00 U	QUAL CODE	1.AB				
SOETHYL) ETHER (2 5.00 U HENOL OBENZENE 5.00 U SOBENZENE 5.00 U COBENZENE 5.00 U HENOL (O-CRESOL) 5.00 U HENOL (P-CRESOL) 5.00 U HENOL (P-CRESOL) 5.00 U HENOL (P-CRESOL) 5.00 U HENOL (P-CRESOL) 5.00 U				RESULT QUAL QU	REV QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	V QUAL AL CODE
5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U								
5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U				5.00 U		5.00 U	5.00 U U	
5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U				5.00 U U		5.00 U U	5.00 U U	
5.00 U 5.00 U 5.00 U 5.00 U 5.00 U			_	5.00 U U		5.00 U U	5.00 U U	
5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U	–		*10	5.00 U R	*10	5.00 U R *10	5.00 U R	*10
5.00 U 5.00 U 5.00 U 5.00 U 5.00 U		ממממ	*10	5.00 U R	*10	5.00 U R *10	5.00 U R	*10
5.00 U 5.00 U 5.00 U 5.00 U	n		*10	5.00 U R	*10	5.00 U R *10	5.00 U R	*10
5.00 U 5.00 U 5.00 U				5.00 U		5.00 U U	5.00 U	
5.00 U 5.00 U	<u> </u>	םם		5.00 U U		5.00 U U	5.00 U U	
5.00 U	D			5.00 U U		5.00 U U	5.00 U	
4 4 4	Ω			5.00 U U		5.00 U U	S.00 U U	
HEXACHLOROETHANE 5.00 U	n	5.00 U U		5.00 U U		5.00 U U	5.00 U U	
NITROBENZENE 5.00 U	n	5.00 U U		5.00 U		5.00 U U	5.00 U U	
ISOPHORONE 5.00 U	Ω	5.00 U U		5.00 U U		5.00 U U	5.00 U U	
2-NITROPHENOL 5.00 U	n	5.00 U U		5.00 U U		5.00 U U	5.00 U U	
2,4-DIMETHYLPIENOL 5.00 U	n	5.00 U U		5.00 U U		5.00 U U	5.00 U U	
BIS(2-CHLOROETHOXY) METHA 5.00 U	n	5.00 U		5.00 U U		5.00 U U	5.00 U U	
2,4-DICHLOROPHENOL 5.00 U	n	5.00 U		5.00 U U		5.00 U U	5.00 U U	
1,2,4-TRICHLOROBENZENE 5.00 U	D	5.00 U U		5.00 U U		5.00 U U	5.00 U U	
NAPHTHALENE 5.00 U	n	5.00 U U		5.00 U U		5.00 U U	5.00 U U	
4-CHLOROANILINE 5.00 U	n	5.00 U U		5.00 U U		5.00 U U	5.00 U U	
HEXACHLOROBUTADIENE 5.00 U	D	5.00 U U	_	5.00 U U		5.00 U U	5.00 U U	
4-CHLORO-3-METHYLPHENOL 5.00 U	n	5.00 U U		S.00 U U		5.00 U U	5.00 U	
2-METHYLNAPHTHALENE 5.00 U	n	5.00 U U		5.00 U U		S.00 U U	5.00 U	
HEXACHLOROCYCLOPENTADIE 5.00 U	UJ C	5.00 U U		5.00 U UJ	1 C	5.00 U UJ C	5.00 U U	
2,4,6-TRICHLOROPHENOL 5.00 U	n	5.00 U U		S.00 U		5.00 U	5.00 U U	
T:\MMR\\SNAPSHOT\\YALIDATD\98MAR\01\\GR\0UPF.DB\(2240\)	PF. DB (2240	of 2240 records) 03/03	/98 14:44	records) 03/03/98 14:44.0 read by cshein				-
T-VMMR\SNAPSHOTIVALIDATD\98MAR01\COC DB (1979 records) 03/0	B (1979 reco	rds) 03/05/98 15:05 2				Ogden Environmental and Energy	ntal and Energy S	ervice
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OGDEN ID WC5EXA Date Sampled 10/6/97 Depth		100000000000000000000000000000000000000			The second secon
ampled		WCSEXE	WC6EXA	WC6EXD	WC6EXE
th.		10/6/97	10/3/97	10/3/97	10/3/97
			ş 3		
Method  Analyte  RESS	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L) Continued					
2,4,5-TRICHLOROPHENOL	20.0 U U	20.0 U U	21.0 U U	21.0 U U	20.0 U U
2-CHLORONAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-NITROANILINE	20.0 U U	20.0 U U	21.0 U U	21.0 U U	20.0 U U
DIMETHYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
ACENAPHTHYLENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
2,6-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
3-NITROANILINE	20.0 U U	20.0 U U	21.0 U U	21.0 U U	20.0 U U
ACENAPHTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DINITROPHENOL	20.0 U U	20.0 U U	21.0 U U	21.0 U	20.0 U U
4-NITROPHENOL	20.0 U U	20.0 U U	21.0 U U	21.0 U U	20.0 U U
DIBENZOFURAN	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
2,4-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
DIETHYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
FLUORENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
4-CHLOROPHENYL PHENYL ETH	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-NITROANILINE	20.0 U U	20.0 U U	21.0 U U	21.0 U	20.0 U U
4,6-DINITRO-2-METHYLPHENOL	20.0 U U	20.0 U U	21.0 U U	21.0 U U	20.0 U U
N-NITROSODIPHENYLAMINE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-BROMOPHENYL PHENYL ETH	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
PENTACHLOROPHENOL	20.0 U U	20.0 U U	21.0 U U	21.0 U U	20.0 U U
PHENANTHRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	S.00 U U
ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
CARBAZOLE	5.00 U UJ C	5.00 U U	5.00 U U	5.00 U U	5.00 U U
DI-N-BUTYL, PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U

T:\MMR\SNAPSHOT\YALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

MCGEND   M	D	EPA NO	WC5EXA	WC5EXE	WC6EXA	WC6EXD	WCOEXE
100597   1	100597   1		WCSEXA	WCSEXE	WC6EXA	WC6EXD	WC6EXE
### AWATHEN CONTINUED TO CONTIN	### AWATHEN CONTINUED TO CONTIN		10/6/97	10/6/97	10/3/97	10/3/97	10/3/97
State   Colore   Co	State   Colore   Co	Depth					
5.00 U U U U U 5.00 U U U U 5.00 U U U U	5.00 U U U U U 5.00 U U U U 5.00 U U U U	<b>Vethod</b> Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB	LAB	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAR COE RESULT QUAL QUAL COE
5.00 U U U	5.00 U U U	OC21B (UGL) Continued					
5.00 U U S.00 U U U U U U U U S.00 U U U U U U S.00 U U U U U U U U U U U U U U U U U U	5.00 U U S.00 U U U U U U U S.00 U U U U U U U U U U U U U U U U U U	FLUORANTHENE		n	n	n	n
5.00 U U U U U 5.00 U U U U U U 5.00 U U U U U U 5.	5.00 U U U U U 5.00 U U U U U U 5.00 U U U U U U 5.	PYRENE		n	n	D	D
5.00 U U U U U U U U 5.00 U U U U U U 5.00 U U U U U U U 5.00 U U U U U U U U U U U U U U U U U U	5.00 U U U U U U U U 5.00 U U U U U U 5.00 U U U U U U U 5.00 U U U U U U U U U U U U U U U U U U	BENZYL BUTYL PHTHALATE		n	n	n	ר
5.00 U U U 5.00 U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U U U	5.00 U U U 5.00 U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U U U	3,3'-DICHLOROBENZIDINE	UJ	n	n	n	D
500 U U U 500 U U U U	500 U U U 500 U U U U	BENZO(A)ANTHRACENE		n	n	ח	D
5.00 U U U 5.00 U U U 5.00 U U U 5.00 U	5.00 U U U 5.00 U U U 5.00 U U U 5.00 U	CHRYSENE		ח	D	D	ח
5.00 U U U 5.00 U U	5.00 U U U 5.00 U U	BIS(2-ETHYLHEXYL) PHTHALAT	24.0 UJ	D	59.0	57.0	n
5.00 U U U	5.00 U U U	DI-N-OCTYLPHTHALATE		D	D	n	n
5.00 U U	5.00 U U	BENZO(B)FLUORANTHENE		n	Þ	Þ	n
5.00 U U U 5.00 U U 5.00 U 5	5.00 U U U 5.00 U U 5.00 U 5	BENZO(K)FLUORANTHENE		D	₽	D	D
5.00 U U	5.00 U U	BENZO(A)PYRENE		D	D	n	ח
5.00 U U 5.00 U U 5.00 U U 5.00 U U S.00 U U U S.00 U U U U S.00 U U U U S.00 U U U U U U U U U U U U U U U U U U	5.00 U U 5.00 U U 5.00 U U 5.00 U U S.00 U U U S.00 U U U U S.00 U U U U S.00 U U U U U U U U U U U U U U U U U U	INDENO(1,2,3-C,D)PYRENE		D	D	n	n
5.00 U U S.00 U U  93/98 14:44.0 read by cshein  Ogden Environmental and	5.00 U U S.00 U U  93/98 14:44.0 read by cshein  Ogden Environmental and	DIBENZ(A,H)ANTHRACENE		n	n	n	n
03/98 14:44.0 read by cshein Ogden Environmental and	03/98 14:44.0 read by cshein Ogden Environmental and	BENZO(G,H,I)PER YLENE	n	n	n	D	n
03/98 14:44.0 read by cshein Ogden Environmental and	03/98 14:44.0 read by cshein Ogden Environmental and						
03/98 14:44.0 read by cshein Ogden Environmental and	03/98 14:44.0 read by cshein Ogden Environmental and						
		NAMR\SNAPSHOT\VALIDATD\98	SMAR01\GROUPF.DB (2240) SMAR01\COC.DB (1979 rec	0 of 2240 records) 03/03/98 14.	:44.0 read by cshein	Ogden Environment	al and Energy Servi

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WC7CXA	WC7CXE	WC7EXA	WC7EXE	WC9EXA
OGDEN ID	WC7CXA	WC7CXE	WCTEXA	WC7EXE	WC9EXA
Date Sampled	10/1/97	10/9/01	10/8/97	10/8/97	10/2/97
Depth					
Method Analyte	ANALYTICAL ILAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L)					
PHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BIS(2-CHLOROETHYL) ETHER (	(2 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-CHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U
1,3-DICHLOROBENZENE	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10
1,4-DICHLOROBENZENE	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10
1,2-DICHLOROBENZENE	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10	5.00 U R *10
2-METHYLPHENOL (O-CRESOL)	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,2'-OXYBIS(1-CHLORO)PROPAN	N 5.00 U U	5.00 U U	S.00 U U	5.00 U U	5.00 U U
4-METHYLPHENOL (P-CRESOL)	S.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
N-NITROSODI-N-PROPYI, AMINE	E 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACIILOROETHANE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
NITROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
ISOPHORONE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-NITROPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	S.00 U U
2,4-DIMETHYLPHENOL	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BIS(2-CHLOROETHOXY) METHA	A 5.00 U U	5.00 U U	5.00 U U	S.00 U	5.00 U U
2,4-DICHLOROPHENOL	5.00 U U	5.00 U U	5.00 U U	S.00 U U	5.00 U U
1,2,4-TRICHLOROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
NAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
4-CHLOROANILINE	S:00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROBUTADIENE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
4-CHLORO-3-METHYLPHENOL	5.00 U U	S.00 U U	5.00 U U	5.00 U U	5.00 U U
2-METHYLNAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	S.00 U U
HEXACHLOROCYCLOPENTADIE	E 5.00 U UJ C	5.00 U U	5.00 U UJ C	5.00 U U	5.00 U UJ C
2,4,6-TRICHLOROPHENOL	5.00 U U	5.00 U U	S.00 U U	5.00 U U	5.00 U U
T:WMR\SNAPSHOT\VALIDATI\098MAR01\GROUPF.DB (2240 of 2240 records) 03/03/98 14:44.0 read by cshein	 	of 2240 records) 03/03/98 14:	44.0 read by cshein	Ooden Environmental and Energy	al and Energy Services
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03.	98MAR01\COC.DB (1979 reco	rds) 03/05/98 15:05.2			Techr
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Degrey D	EPA NO	WC7CXA	WC7CXE	WC7EXA	WC7EXE	WC9EXA
10/8/97  10/		WC7CXA	WC7CXE	WC7EXA	WC7EXE	WC9EXA
EV QUAL ANALYTICAL LAB REV QUAL CODE PUAL CODE CODE CODE CODE CODE CODE CODE CODE		10/7/97	10/6/97	10/8/97	10/8/97	10/2/97
EV QUAL PRESULT QUAL QUAL CODE RESULT QUAL QUAL CODE CODE CODE CODE CODE CODE CODE CODE	Depth					
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20.0 U U U S.00 U U U U S.00 U U U S.00 U U U S.00 U U U U U S.00 U U U U U S.00 U U U U S.00 U U U U U S.00 U U U U U U U U U U U U U U U U U U	OC21B (UG/L) Continued					
5.00 U U S.00 U U S.00 U U U S.00 U U U U S.00 U U U U S.00 U U U U U S.00 U U U U U S.00 U U U U U U S.00 U U U U U U S.00 U U U U U U U U U U U U U U U U U U	2,4,5-TRICHLOROPHENOL		n	n	20.0 U U	ר
20.0 U U S.00 U U S.00 U U S.00 U U U U U S.00 U U U S.00 U U U S.00 U U U S.00 U U U U S.00 U U U S.00 U U U S.00 U U U U S.00 U U U U U S.00 U U U U U S.00 U U U U U U U U U U U U U U U U U U	2-CHLORONAPHTHALENE		n	n	D	n
5.00 U U S.00 U U S.00 U U S.00 U U U U U S.00 U U U U S.00 U U U U U U U U S.00 U U U U U U U U U U U U U U U U U U	2-NITROANILINE		n	'n	ם	Þ
5.00 U U 5.00 U U 5.00 U U 5.00 U U U U 5.00 U U U U U U U 5.00 U U U U U U U U U U U U U U U U U U	DIMETHYL PHTHALATE	<u> </u>	'n	n	'n	D
5.00 U U S.00 U U S.00 U U S.00 U U U U U S.00 U U U U U S.00 U U U U U U S.00 U U U U U U U U U U U U U U U U U U	ACENAPHTHYLENE		ם	'n	b	n
20.0 U U S.00 U U S.00 U U S.00 U U U U U U S.00 U U U S.00 U U U U U S.00 U U U U U U S.00 U U U U U S.00 U U U U U S.00 U U U U U U S.00 U U U U U U U U U U U U U U U U U U	2,6-DINITROTOLUENE		n	n	D	n
5.00 U U U U U U 5.00 U	3-NITROANILINE		D	n	n	n
20.0 U U U S.00 U U U U S.00 U U U U S.00 U U U S.00 U U U U U S.00 U U U U S.00 U U U U U U U U U U U U U U U U U U	ACENAPHTHENE		D	n	D	n
20.0 U U S.00 U U U U U S.00 U U U U S.00 U U U U U S.00 U U U U S.00 U U U U U U S.00 U U U U U U U U U U U U U U U U U U	2,4-DINITROPHENOL		n	ם	D	n
5.00 U U 5.00 U U 5.00 U U 5.00 U U U U 5	4-NITROPHENOL		n	D	D	n
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5.00 U U 5.00 U U 5.00 U U 5.00 U U U U U 5.00 U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U 5.00 U U U 5.00 U U U 5.00 U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U U U 5.00 U U U U U 5.00 U U U U U 5.00 U U U	2,4-DINITROTOLUENE		D	n	D	ח
5.00 U U 5.00 U U 5.00 U U U U U 5.00 U U U U 5.00 U U U U 5.00 U U U U 5.00 U	DIETHYL PHTHALATE		D	b	b	n
5.00 U U U U C5.00 U U C5.00 U U U 5.00 U U U U 5.00 U 5.00 U U 5.00 U 5.0	FLUORENE		D	ח	n	n
20.0 U U S.00 U U S.00 U U S.00 U U S.00 U U U U U S.00 U U U U U S.00 U U U U S.00 U U U U S.00 U U U U U S.00 U U U U U U U U U U U U U U U U U U	4-CHLOROPHENYL PHENYL ETH	5.00 U	D	n	D	
20.0 U U S.00 U U U S.00 U U U S.00 U U U U S.00 U U U U U U S.00 U U U U S.00 U U U U U U U U U U U U U U U U U U	4-NITROANILINE		D	ם	n	u ui
5.00 U U 5.00 U U 5.00 U U 5.00 U U C 5.00 U U U 5.00 U U U 5.00 U U C 5.00 U U U U U C 5.00 U U U U U U C 5.00 U U U U U C 5.00 U U U U U U U U U U U U U U U U U U	4,6-DINITRO-2-METHYLPHENOL	-	D	D	n	n
5.00 U U C5.00 U U U U C5.00 U U U U U U U U U U U U U U U U U U	N-NITROSODIPHENYLAMINE		D	n	n	n
5.00 U U S.00 U U U U S.00 U U U U S.00 U U U U U U U U U U U U U U U U U U	4-BROMOPHENYL PHENYL ETH	5.00 U	D	D	n	n
20.0 U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U C 5.00 U U U U U U U U U U U U U U U U U U	HEXACHLOROBENZENE		D	n	n	n
5.00 U U C 5.00 U U U U U U C 5.00 U U U U U U U C 5.00 U U U U U U U U U U U U U U U U U U	PENTACHLOROPHENOL		D	20.0 U	n	n
5.00 U U C 5.00 U UJ C 5.00 U UJ C 5.00 U U 63/98 14·44.0 read by cshein	PHENANTHRENE		Þ	n	n	n
5.00 U UJ C 5.00 U U 5.00 U U 03/98 14 44.0 read by cshein	ANTHRACENE		n	n	n	D
5.00 U U (03/98 14·44.0 read by cshein 2	CARBAZOLE	m	n	U UJ	n	u ui
03/98 14 44.0 read by cshein	DI-N-BUTYL PHTHALATE		n	D	n	n
2	T.MMR\SNAPSHOT\VALIDATD\98	MAROUGROUPF DB (2240		44 0 read by eshein		OE
4	T-IMMR\SNAPSHOTVAI ID-	MAROIVOC DB (1979 reco	ords) 03/05/98 15:05 2		Ogden Environment	al and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WC7CXA	WC7CXE	WC7EXA	WC7EXE	WC9EXA
OGDEN ID	WC7CXA	WC7CXI;	WC7EXA	WC7EXE	WC9EXA
Date Sampled	10/7/97	10/6/97	10/8/97	10/8/97	10/2/97
Depth					,
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE
OC21B (UGA) Continued FLUORANTHENE	S.00 U U	5.00 U U	0 U 00.8	5.00 U U U OO S	0 U 00.8
BENZYL BUTYL PHTHALATE					- D
3,3'-DICHLOROBENZIDINE	5.00 U UJ C	5.00 U U	5.00 U UJ C	5.00 U	5.00 U UJ C
BENZO(A)ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
CHRYSENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BIS(2-ETHYLHEXYL) PHTHALAT	T 31.0 UJ B	5.00 U U	24.0 UJ B	5.00 U U	2.00 J J
DI-N-OCTYI, PHTHAL, ATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(B)FLUORANTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(K)FLUORANTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
BENZO(A)PYRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
INDENO(1,2,3-C,D)PYRENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
DIBENZ(A,H)ANTHRACENE	5.00 U U	5.00 U U	5.00 U U	S.00 U	S.00 U
BENZO(G,H,I)PERYLENE	5.00 U UJ C	5.00 U U	5.00 U UJ C	5.00 U U	5.00 U
TAMMRASNAPSHOTAVALIDATID/98MAR01\GROUPE.DB (2240 of 2240 records) 03/03/98 14:44.0 read by cshein TAMMRASNAPSHOTAVALIDATID/98MAR01\COC.DB (1979 records) 03/05/98 15:05.2 <prg not="" selected="" table=""></prg>	8MAROINGRÒUPE.DB (22408MAROINCOC.DB (1979 rec	0 of 2240 records) 03/03/98 14; ords) 03/05/98 15:05.2	.44.0 read by cshein	Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

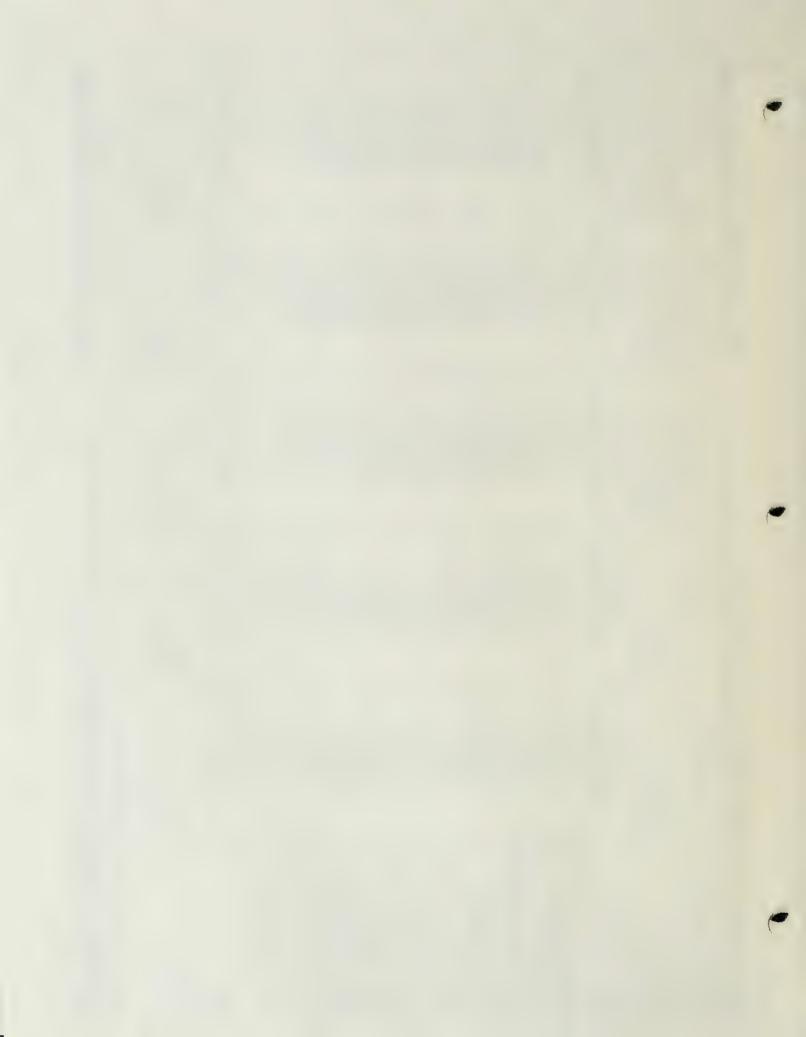
NULD   WCDEXE    WCDEXE    WL26XA	Mailor   M	MC9EXE   ML26XA   ML26XA   ML26XD   ML	ML26XE  10/20/97  THCAL LAB REV QUAL ANALYTICAL LAB REV QUAL CODE  5.00 U U 5.00 U U  5.00 U U 5.00 U R  5.00 U W 5.00 U U  5.00 U W 5.00 U U  5.00 U U 5.00 U U	#10 5.00 \$5.
Marched   1002097   1002	Machine   Mach	Main	SOO U U U SOO U U SOO U U U U	#10 5.00 #10 5.00 #10 5.00 5.00 #10 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.0
### CACOL   Company	### CHANGE STATE   State   CHANGE STATE   CHANGE STATE   State   CHA	## AMALYTICAL LAB REVLT QUAL CODE RESULT QUAL RESULT QUAL CODE RESULT SOO U U R *10 SOO U R *10 SOO U R *10 SOO U U U SOO U U SOO U U SOO U U CSOO U U U SOO U U CSOO U U U SOO U U U U	U U U S 00 U U U S 00 U U U C C C C C C C C C C C C C C C	*10
CGC31         CONTROL LOAD LIGHT COACH ANNUAL COACH	CCTUOR         PRINTED LANGE (ARRESTATE ALREAD RANGE)         COLUMNIA (ARRESTATE ALRA RANGE)         COLUMNIA (ARRESTATE ARRESTATE ALRA RANGE)         COLUMNIA (ARRESTATE ARRESTATE ALRA RANGE)         COLUMNIA (ARRESTATE ARREATA RANGE) <th>CHLOROBENZENE         S.00 U U S.00 U U RALPHENOL (O-CRESOL)         R. 10 S.00 U U S.00 U U S.00 U U RALPHENOL (O-CRESOL)         R. 10 S.00 U U S.00 U U S.00 U U S.00 U U RALPHENOL (O-CRESOL)         R. 10 S.00 U U RALPHENOL (O-CRESOL)         R. 10 S.00 U U U U U S.00 U U U U U S.00 U U U U S.00 U U U U S.00 U U U U U U S.00 U U U U U S.00 U U U U U U U S.00 U U U U U U U S.00 U U U U U U S.00 U U U U U U S.00 U U U U U U U S.00 U U U U U U U U U U U U U U U U U U</th> <th>U U S SOO U U SOO U U SOO U U C SOO U U C SOO U U C SOO U C C C C C C C C C C C C C C C C C C</th> <th>#10</th>	CHLOROBENZENE         S.00 U U S.00 U U RALPHENOL (O-CRESOL)         R. 10 S.00 U U S.00 U U S.00 U U RALPHENOL (O-CRESOL)         R. 10 S.00 U U S.00 U U S.00 U U S.00 U U RALPHENOL (O-CRESOL)         R. 10 S.00 U U RALPHENOL (O-CRESOL)         R. 10 S.00 U U U U U S.00 U U U U U S.00 U U U U S.00 U U U U S.00 U U U U U U S.00 U U U U U S.00 U U U U U U U S.00 U U U U U U U S.00 U U U U U U S.00 U U U U U U S.00 U U U U U U U S.00 U U U U U U U U U U U U U U U U U U	U U S SOO U U SOO U U SOO U U C SOO U U C SOO U U C SOO U C C C C C C C C C C C C C C C C C C	#10
5.00 U         U         5.	5.00 U         U         5.	SOO U U U SOO U U U SOO U U SOO U U SOO U U SOO U U U U	U U U S.00 U U U S.00 U U U U W *10 S.00 U W W W W W W W W W W W W W W W W W W	5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 6.00 U 6.00 U 6.00 U 6.00 U 6.00 U 6.00 U 6.00 U
5.00         U         5.00	5.00         U         5.00	LOROBENZENE         5.00 U U U         U S.00 U U U         S.00 U U U         S.00 U U U         U S.00 U U U	U U U S.000 U U U S.000 U U U U W *10 S.000 U W W W W W W W W W W W W W W W W W	5.00 U 5.00 U
5.00 U         U         5.00 U         U         0         5.00 U         U         0         0         0         0         0         0         0         0         0         0         0	5.00         U         5.00	2         5.00 U         U         5.00 U         U         5.00 U         U         0         0         U         0         0         U         0         0         U         U         0         0         U         U         0         0         U         U         U         0         U	U U U S.000 U U U S.000 U U U U U W S.000 U W W S.000 U W W S.000 U W W S.000 U U U U U W S.000 U U U U U U W S.000 U U U U U W S.000 U U U U W S.000 U U U U U W S.000 U U U U U W S.000 U U U U U W S.000 U U U U U W S.000 U U U U W S.000 U U U U W S.000 U U U U U U W S.000 U U U U W S.000 U U U U U U W S.000 U U U U U U W S.000 U U U U U U U W S.000 U U U U U U U U U U U U U W S.000 U U U U U U U U U U U U U U U U U U	5.00 U 5.00 U
5.00         U         5.00         U         6.00         U         6.00         U         6.00         U         7.00         U         8.00         U         9.00         U         0.00         0.00         U         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00	5.00         U         5.00         U         R         *10         \$2.00         U         R         *2.00	5.00 U         R         *10         5.00 U         R         *10         5.00 U         R         *10           5.00 U         R         *10         5.00 U         R         *10         5.00 U         R         *10           5.00 U         R         *10         5.00 U         R         *10         5.00 U         R         *10           5.00 U         U         5.00 U         U         5.00 U         U         U         10         10         I <td>U R *10 5.00 U R U R *10 5.00 U R R U R R 10 5.00 U R R R 10 5.00 U R R 10 5.00 U U U R 10 10 10 10 10 10 10 10 10 10 10 10 10</td> <td>5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U</td>	U R *10 5.00 U R U R *10 5.00 U R R U R R 10 5.00 U R R R 10 5.00 U R R 10 5.00 U U U R 10 10 10 10 10 10 10 10 10 10 10 10 10	5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U
5.00 U         R         *10         \$2.00 U         R         *20         R	S.00         R         *10         S.00         R         *10         S.00         D         D         D         S.00         D         D         D         D         D         D         D         D         D         D         D         D <t< td=""><td>5.00 U         R         *10         5.00 U         R         *10         8.00 U         R         *10         8.00 U         R         *10         8.00 U         R         *10         8.00 U         R         \$10         R         \$2.00 U         R         R         \$2.00 U         R         &lt;</td><td>U R *10 5.00 U R U S.00 U R S.00 U R S.00 U R C S.00 U R C S.00 U R C S.00 U U C C S.00 U U U U U U U C S.00 U U U U U C S.00 U U U U U C S.00 U U U U C S.00 U U U U C S.00 U U U U U U C S.00 U U U U U C S.00 U U U U U U C S.00 U U U U U U U C S.00 U U U U U U U U U U U U U U U U U U</td><td>5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U</td></t<>	5.00 U         R         *10         8.00 U         R         *10         8.00 U         R         *10         8.00 U         R         *10         8.00 U         R         \$10         R         \$2.00 U         R         R         \$2.00 U         R         <	U R *10 5.00 U R U S.00 U R S.00 U R S.00 U R C S.00 U R C S.00 U R C S.00 U U C C S.00 U U U U U U U C S.00 U U U U U C S.00 U U U U U C S.00 U U U U C S.00 U U U U C S.00 U U U U U U C S.00 U U U U U C S.00 U U U U U U C S.00 U U U U U U U C S.00 U U U U U U U U U U U U U U U U U U	5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U
S.00 U         R         *10         S.00 U         R         *20         R	S.00 U         R         *10         S.00 U         R         *20         R         *20<	5.00 U         R         *10         7.00 U         R         7.00 U </td <td>U R *10 5.00 U R U S.00 U U U S.00 U U U S.00 U U U S.00 U U U U S.00 U U U U S.00 U U U U U U S.00 U U U U U U S.00 U U U U U S.00 U U U U U S.00 U U U U S.00 U U U U U S.00 U U U U U S.00 U U U U U U U S.00 U U U U U S.00 U U U U U U U S.00 U U U U U U U U U U U U S.00 U U U U U U U U U U U U U U U U U U</td> <td>5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U</td>	U R *10 5.00 U R U S.00 U U U S.00 U U U S.00 U U U S.00 U U U U S.00 U U U U S.00 U U U U U U S.00 U U U U U U S.00 U U U U U S.00 U U U U U S.00 U U U U S.00 U U U U U S.00 U U U U U S.00 U U U U U U U S.00 U U U U U S.00 U U U U U U U S.00 U U U U U U U U U U U U S.00 U U U U U U U U U U U U U U U U U U	5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U 5.00 U
S.00 U         R         *10         S.00 U         R         *10         S.00 U         S.00 U <th< td=""><td>S.00         R         *10         S.00         R         *20         R</td><td>5.00 U         R         *10         5.00 U         R         *10         5.00 U         R         *10           5.00 U         U         5.00 U         U         5.00 U         U         U         U         5.00 U         U</td><td>U       R       *10       \$.00 U       U         U       U       \$.00 U       U         U       \$.00 U       U       U</td><td>5.00 U 5.00 U 5.00 U 5.00 U 6.00 U 6.</td></th<>	S.00         R         *10         S.00         R         *20         R	5.00 U         R         *10         5.00 U         R         *10         5.00 U         R         *10           5.00 U         U         5.00 U         U         5.00 U         U         U         U         5.00 U         U	U       R       *10       \$.00 U       U         U       U       \$.00 U       U         U       \$.00 U       U       U	5.00 U 5.00 U 5.00 U 5.00 U 6.00 U 6.
5.00 U         U         5.00 U         S.00 U </td <td>S.00         U         S.00         U         S.00</td> <td>5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       0.00 U       U         5.00 U       U       5.00 U       U       0.00 U       U         5.00 U       U       5.00 U       U       0.00 U       U</td> <td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td></td>	S.00         U         S.00	5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       0.00 U       U         5.00 U       U       5.00 U       U       0.00 U       U         5.00 U       U       5.00 U       U       0.00 U       U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
5.00 U         U         5.00 U	5.00 U         U         5.00 U         D         D         D         D         D         D         D         D <t< td=""><td>5.00 U U 5.00 U U</td><td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td></td></t<>	5.00 U U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
5.00 U         U         5.	5.00 U         U         5.00 U         0         5.00 U         U         5.00 U         0         0         5.00 U         0<	5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       0.00 U       U         5.00 U       U       5.00 U       U       0.00 U       U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
5.00         U         5.00	5.00         U         5.00	5.00 U       U       5.00 U       U       5.00 U       U         5.00 U       U       5.00 U       U       5.00 U       U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
5.00         U         5.00         U         0.500         0.00 </td <td>5.00         U         S.00         U         S.00</td> <td>5.00 U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U</td> <td>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>מממממ</td>	5.00         U         S.00	5.00 U U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	מממממ
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5.00 U         U         5.00 U         D         D         5.00 U         D         D         D         D         D         D         D         D         D         D         D         D         D         D	5.00 [U]         U         5.00 [U]         D         D         D         D         D         D         D         D         D         D         D         D         D		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ממממ
5.00 U         U         5.00 U         D	5.00 U         U         5.00 U         D         D         5.00 U         D<	S.00 U U S.00 U U S.00 U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	מממ
5.00 U         U         5.00 U         U         0.0 </td <td>5.00 U         U         5.00 U         D         D         5.00 U         D         D         D</td> <td>S.00 U U S.00 U U S.00 U U S.00 U</td> <td>U U U 11 11 11 11 11 11 11 11 11 11 11 1</td> <td>םם</td>	5.00 U         U         5.00 U         D         D         5.00 U         D         D         D	S.00 U U S.00 U U S.00 U U S.00 U	U U U 11 11 11 11 11 11 11 11 11 11 11 1	םם
5.00 U         U         5.00 U         0.00 U	5.00 U         U         5.00 U         D         5.	5.00 U U 5.00 U U 5.00 U	11 11 5 00 11	
5.00 U         U         5.00 U         6.00 U	5.00 U         U         5.00 U         0.0 </td <td>5.00 U U 5.00 U U 5.00 U U</td> <td></td> <td>,</td>	5.00 U U 5.00 U U 5.00 U U		,
5.00 U         U         5.00 U         D         F         <	5.00 U         U         5.00 U         D         F         F         F	S.00 U U S.00 U U S.00 U U	U U 5.00 U	n
5.00 U         U         5.00 U         6.00 U <th< td=""><td>5.00 U         U         5.00 U         D         D         5.00 U         D         F         F</td><td>5.00 U U 5.00 U U S.00 U U</td><td>U U S:00 U</td><td>n</td></th<>	5.00 U         U         5.00 U         D         D         5.00 U         D         F         F	5.00 U U 5.00 U U S.00 U U	U U S:00 U	n
5.00 U         U         5.00 U         S.00 U <th< td=""><td>5.00 U         U         5.00 U         6.00 U         <th< td=""><td>5.00 U U 5.00 U U 5.00 U U</td><td>U U 5.00 U</td><td>n</td></th<></td></th<>	5.00 U         U         5.00 U         6.00 U <th< td=""><td>5.00 U U 5.00 U U 5.00 U U</td><td>U U 5.00 U</td><td>n</td></th<>	5.00 U U 5.00 U U 5.00 U U	U U 5.00 U	n
5.00 U         U         5.00 U         D         F         <	5.00 U         U         5.00 U         D         F         F         F         F         F         F         F         F         F         F         F         F	S.00 U U S.00 U U S.00 U U S.00 U	U U 5.00 U	n
5.00 U         U         5.	5.00 U         U         0         0         U         0         0         0         0 <t< td=""><td>5.00 U U 5.00 U U 5.00 U U</td><td>U U 5.00 U</td><td>n</td></t<>	5.00 U U 5.00 U U 5.00 U U	U U 5.00 U	n
5.00 U         U         5.00 U         6.00 U         5.00 U         5.00 U         6.00 U         5.00 U         5.00 U         6.00 U         5.00 U         6.00 U         5.00 U         6.00 U	5.00 U         U         5.00 U         D         5.00 U         U         5.00 U         D         D         5.00 U         D         5.00 U         D         D         D         5.00 U         D         D         D         D         D         D         D         D         D         D         D         D         D         D <td< td=""><td>5.00 U U 5.00 U U 5.00 U U</td><td>U U 5.00 U</td><td>n</td></td<>	5.00 U U 5.00 U U 5.00 U U	U U 5.00 U	n
5.00 U         UJ         C         5.00 U         U         U         5.00 U         U         5.00 U	5.00 U         UJ         C         5.00 U         UJ         C         5.00 U         U         S.00 U         U         U         S.00 U         U         U         S.00 U         U         U         U         S.00 U         U         U         D         D         D         D         D         D         D         D         D         D         D         D         D         D	5.00 U U 5.00 U U 5.00 U U	U U 5.00 U	n
5.00 U         U         S.00 U         U         S.00 U         U         S.00 U         U         S.00 U         U	5.00 U         U         Freecords         U         0         0         U         0         U         0         U         U         0         U </td <td>5.00 U U 5.00 U UJ C 5.00 U UJ C</td> <td>U UJ C 5.00 U</td> <td>n</td>	5.00 U U 5.00 U UJ C 5.00 U UJ C	U UJ C 5.00 U	n
records) 03/03/98 14:44.0 read by cshein Ogden Environmental and Energy	records) 03/03/98 14:44.0 read by cshein Ogden Environmental and Energy 5/98 15:05.2	S.00 U U S.00 U U S.00 U	U U 5.00 U	n
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WC9EXE	WL26XA	WL.26XIJ	WL26XE	WLSIXA
OGDEN ID	WC9EXE	WL26XA	WL26XD	WL26XE	WL31XA
	10/2/97	10/20/97	10/20/97	10/20/97	10/21/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L) Continued					
2,4,5-TRICHLOROPHENOL	20.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
2-CHLORONAPHTHALENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2-NITROANILINE	20.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
DIMETHYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U	5.00 U U
ACENAPHTHYLENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,6-DINITROTOLUENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
3-NITROANII,INE	20.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
ACENAPHTHENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DINITROPHENOL	20.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
4-NITROPHENOL	20.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
DIBENZOFURAN	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
2,4-DINITROTOLUENE	5.00 U U	5 00 U U	5.00 U U	5.00 U U	5.00 U U
DIETHYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
FLUORENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-CHLOROPHENYL PHENYL ETH	I 5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-NITROANILINE	20.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
4,6-DINITRO-2-METHYL PHENOL	20.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U U
N-NITROSODIPHENYLAMINE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
4-BROMOPHENYL PHENYL ETH	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
HEXACHLOROBENZENE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
PENTACHI, OROPHENOL	20.0 U U	21.0 U U	20.0 U U	20.0 U U	20.0 U
PHENANTHRENE	5.00 U U	5.00 U U	5.00 U U	S.00 U U	S.00 U U
ANTHRACENE	5.00 U U	S.00 U U	5.00 U U	5.00 U U	S.00 U U
CARBAZOLE.	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
DI-N-BUTYL PHTHALATE	5.00 U U	5.00 U U	5.00 U U	5.00 U U	5.00 U U
T:WM/R\SNAPSHOT\VALIDATD\98MAR01\GROUPF.DB (2240 of 2240 records) 03/03/98 14:44.0 read by cshein	MAROTIGROUPE DB (2240	of 2240 records) 03/03/98 1	4:44.0 read by cshein	Oaden Environmental and Energy	al and Energy Service
T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03	MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2			Techn
<prg not="" selected="" table=""></prg>			(		

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Mail	March   Marc	No. 2007	F.   MIJSKA   MIJSK	EPA NO	WC9EXE	WL26XA	WL26XD	WL26XE	WL31XA
Total Part	The continued   The continue	Marked	The color of the	GDEN ID	WC9EXE	WL26XA	WL26XID	WL26XE	WL31XA
Comparison   Com	Comparison   Continued   Con	Column   C	Comparison	ate Sampled	10/2/97	10/20/97	10/20/97	10/20/97	10/21/97
COCTO Continued         SOO U         U         SOO U	CUGZJ Continued         Soo U         U         Soo U	C   S.00   U   U   U   U   U   S.00   U   U   U   U   U   U   U   U   U	C   C   C   C   C   C   C   C   C   C	epth					
ALATE 5:00 U U D 5:00 U D D 5:00	5.00 U       U       0       0	C   S.00   U   U   U   S.00   U   U   S.00   U   U   S.00   U   U   S.00   U   U   U   S.00   U   U   S.00   U   U   U   U   U   U   U   U   U	C   S.00   U   U   U   S.00   U   U   S.00   U   U   U   U   U   U   U   U   U	ethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	CAB REV	LAB REV QUAL QUAL	LAB REV QUAL QUAL	ZUAL.
HTHALATE 500 U U 500 U U U 500 U U U C 500 U U U C 500 U U U C 500 U U U C 500 U U U U U C 500 U U U U U U U U U U U U U U U U U U	5.00 U U       5.00 U U       0.00 U <td>University C</td> <td>  C   Sool   U   C   Sool   U   C   Sool   U   C   Sool   U   C   Sool   U   C   Sool   U   C   Sool   U   U   U   C  </td> <td>C21B (UG/L) Continued</td> <td></td> <td> </td> <td>-</td> <td>-</td> <td>=</td>	University C	C   Sool   U   C   Sool   U   C   Sool   U   C   Sool   U   C   Sool   U   C   Sool   U   C   Sool   U   U   U   C	C21B (UG/L) Continued			-	-	=
5.00 U       U       0.00 U       U <td>5.00 U       U       5.00 U       U<td>  10   C   5.00   U   C   5.00   U  </td><td>  10   C   5.00   U   C   5.00   U   U   5.00   U   C   5.00   U   U   5.00   U   U   5.00   U   5.00   U   U   U   5.00   U   U   U   U   U   U   U   U   U  </td><td>FLUOKANIHENE</td><td></td><td></td><td>o ;</td><td>;</td><td> ⊃ ;</td></td>	5.00 U       U       5.00 U       U <td>  10   C   5.00   U   C   5.00   U  </td> <td>  10   C   5.00   U   C   5.00   U   U   5.00   U   C   5.00   U   U   5.00   U   U   5.00   U   5.00   U   U   U   5.00   U   U   U   U   U   U   U   U   U  </td> <td>FLUOKANIHENE</td> <td></td> <td></td> <td>o ;</td> <td>;</td> <td> ⊃ ;</td>	10   C   5.00   U	10   C   5.00   U   C   5.00   U   U   5.00   U   C   5.00   U   U   5.00   U   U   5.00   U   5.00   U   U   U   5.00   U   U   U   U   U   U   U   U   U	FLUOKANIHENE			o ;	;	 ⊃ ;
5.00 U U       6.00 U U       5.00 U U       6.00 U U <td< td=""><td>500 U U       500 U U</td><td>Sool U U Sool U U U U U U U U U U U U U U U U U U</td><td>  Sol                                      </td><td>PYRENE</td><td></td><td>n n</td><td></td><td><math>\supset</math></td><td></td></td<>	500 U U	Sool U U U U U U U U U U U U U U U U U U U	Sol	PYRENE		n n		$\supset$	
5.00 U       U       5.00 U       0	5.00 U U       5.00 U U <td< td=""><td>0.0   0.0  </td><td>03/98 14:44.0 read by cshein</td><td>BENZYL BUTYL PHTHALATE</td><td></td><td></td><td>b</td><td>n</td><td>n D</td></td<>	0.0   0.0	03/98 14:44.0 read by cshein	BENZYL BUTYL PHTHALATE			b	n	n D
5.00 U       U       5.00 U       U <td>5.00 U       U       5.00 U       0       &lt;</td> <td>9. 5.00 U U S.00 U U U U S.00 U U U U S.00 U U U S.00 U U U U U S.00 U U U U U S.00 U U U U U U S.00 U U U U U U S.00 U U U U U U U S.00 U U U U U U U U U U U U U U U U U U</td> <td>03/98 14:44.0 read by cshein</td> <td>3,3'-DICHLOROBENZIDINE</td> <td>ם</td> <td></td> <td>D</td> <td>n</td> <td>n</td>	5.00 U       U       5.00 U       0       <	9. 5.00 U U S.00 U U U U S.00 U U U U S.00 U U U S.00 U U U U U S.00 U U U U U S.00 U U U U U U S.00 U U U U U U S.00 U U U U U U U S.00 U U U U U U U U U U U U U U U U U U	03/98 14:44.0 read by cshein	3,3'-DICHLOROBENZIDINE	ם		D	n	n
5.00 U       U       5.00 U       0       0       5.00 U       0       5.00 U       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	5.00 U       U       0       5.00 U       U       5.00 U       U       0       5.00 U       0	3.00 U U 5.00 U 0 5.00 U U U 5.00 U U 5	3.00 U U 5.00 U U 5.0	BENZO(A)ANTHRACENE	n	D	n	n	n
5.00 U       U       0       0	21.0       3.00 J       J       5.00 U       U       2.00 U       U       5.00 U       U       5.00 U       U       5.00 U       U       5.00 U       U       U       5.00 U       U       0.00 U	3.00 J J S.00 U U U U S.00 U U U U U U U S.00 U U U U U U U U U U U U U U U U U U	3.00 J J Sould U Sould	CHRYSENE		n	ח	n	n
5.00 U       U       5.00 U       U <td>5.00 U U       5.00 U</td> <td>  S.00   U   S.00   U   S.00   U   U   U   S.00   U   U   U   U   U   U   U   U   U  </td> <td>  S.00   U   S.00   U   U   S.00  </td> <td>BIS(2-ETHYLIEXYL) PHTHALA</td> <td>5.00 U</td> <td>21.0</td> <td>7</td> <td>Þ</td> <td>7</td>	5.00 U U       5.00 U	S.00   U   S.00   U   S.00   U   U   U   S.00   U   U   U   U   U   U   U   U   U	S.00   U   S.00   U	BIS(2-ETHYLIEXYL) PHTHALA	5.00 U	21.0	7	Þ	7
5.00 U       U       0       U       0       0       <	5.00 U U       5.00 U U <td< td=""><td>3.00 U U 5.00 U U 5.00 U U U U U 5.00 U U U 5.00 U U U 5.00 U U U 5.00 U U U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00 U 5.00</td><td>  S.00   U   U   U   S.00   U   U   U   U   U   U   U   U   U  </td><td>DI-N-OCTYLPHTHALATE</td><td>n</td><td>D</td><td>D</td><td>n</td><td>n</td></td<>	3.00 U U 5.00 U U 5.00 U U U U U 5.00 U U U 5.00 U U U 5.00 U U U 5.00 U U U U 5.00 U U 5.00 U U 5.00 U U 5.00 U U U 5.00	S.00   U   U   U   S.00   U   U   U   U   U   U   U   U   U	DI-N-OCTYLPHTHALATE	n	D	D	n	n
5.00 U U       5.00 U       6.00 U	5.00 U U       5.00 U       5.0	03/98 14:44.0 read by cshein  5.00 U U 5.00 U 5.00 U U U 5.00 U U 5.00 U U U U 5.00 U	3.00 U U 5.00 U U U 5.00 U U U 5.00 U U U 5.00 U	BENZO(B)FLUORANTHENE	n	ם	ם	ם	n
5.00 U U       5.00 U U <td< td=""><td>5.00 U U       5.00 U U       5.00 U U       5.00 U U         5.00 U U       5.00 U U       5.00 U U       5.00 U U         5.00 U UJ       5.00 U U       5.00 U U       5.00 U         5.00 U UJ       5.00 U U       5.00 U       5.00 U</td><td>  S.00   U   S.00   U</td><td>U S.00 U U S.00 U S.00 U S.00 U S.00 U U S.00 U S</td><td>BENZO(K)FLUORANTHENE</td><td>n</td><td></td><td>ח</td><td>D</td><td>Þ</td></td<>	5.00 U U       5.00 U U       5.00 U U       5.00 U U         5.00 U U       5.00 U U       5.00 U U       5.00 U U         5.00 U UJ       5.00 U U       5.00 U U       5.00 U         5.00 U UJ       5.00 U U       5.00 U       5.00 U	S.00   U	U S.00 U S.00 U S.00 U S.00 U U S.00 U S	BENZO(K)FLUORANTHENE	n		ח	D	Þ
5.00 U U       5.00 U       5.00 U       5.00 U       5.00 U       6.00 U	5.00 U       U       5.00 U       0       5.00 U       0       5.00 U       0       0       5.00 U       0       <	U 5.00 U 5.00 U 5.00 U U U 5.00 U	U 5.00 U 5.00 U U U 5.00 U U 5.00 U U 5.00 U U U U 5.00 U 5.00 U U 5.00	3ENZO(A)PYRENE		D	n	D	Þ
5.00 U       U       0       5.00 U       U       0<	5.00 U U C 5.00 U U U 5.0	Using the control of	Using the control of	NDENO(1,2,3-C,D)PYRENE	Ъ	n	n	D	n
5.00 U U C 5.00 U U C 5.00 U U C 5.00 U U C 5.00 U U	5.00 U UJ C 5.00 U UJ C 5.00 U U 5.00 U	UJ C 5.00 U UJ C 5.00 U U O 5.00 U U U O 5.00 U U U U O 5.00 U U U U O 5.00 U U U U U U U U U U U U U U U U U U	UJ C 5.00 U UJ C 5.00 U U	DIBENZ(A,H)ANTHRACENE	n	n	n	D	n
		03/98 14:44.0 read by cshein Ogden Environmental and Energy	(03/98 14:44.0 read by cshein Ogden Environmental and Energy	3ENZO(G,H,I)PERYLENE		U UJ	U UJ	D	D
		03/98 14:44.0 read by cshein Ogden Environmental and Energy	03/98 14:44.0 read by cshein Ogden Environmental and Energy						







Validated MMR Data, period 9-Feb-98 to 1-Mar-98

# GROUP G: Water Data for Methods 8330, 8515 and CRRSCT

Date Sampled   10/21/97   10/21	10/21/97 TICAL LAB REV QUAL ANALYTICAL	DOACAA		The second secon
AMALYTICAL   LAB   REV   QUAL   GUAL   COOPE	TICAL LAB REV QUAL ANALYTICAL LAB REV	DO4CAA	B04DAA	B04EAA
## ANALYTICAL LAB REV GUAL CODE  ## ANALYTICAL LAB REV GUAL  ## SEULT GUAL  AHYDRO-1,3,5,7-TETRANITR  120 U U  TAHYDRO-1,3,5-TRINITRO-1,3  120 U U  TAHYDRO-1,3,5-TRINITRO-1,3  120 U U  TAHYDRO-1,3,5-TRINITRO-1,3  TAHYDRO-1,3,5-TRINITRO-1,3  TO U U  TO	ANALYTICAL LAB REV	10/21/97	10/21/97	10/21/97
GAKG)         ANALYTICAL JAB         RESULT QUAL GONE         ANALYTICAL JAB	ANALYTICAL LAB REV			
3,5,7-TETRANITR 120 U U 38-NZENE 120 U U 120 U 120 U U 120 U 1	RESULT QUALQUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
3.5.7-TETRANITR 120 U U 3.5.7-TETRANITR 120 U U 3ENZENE 120 U U 4ZENE 120 U U 5.0LUENE 120 U U 5.0LUENE 120 U U 5.0LUENE 120 U U 5.0LUENE 120 U U 6.5LUENE 120 U 6.5LUENE				
3.5-TRINITRO-1,3   120   U   U   U   U   U   U   U   U   U	U 120	120 U U	120 U U	120 U U
120   U   U   U   U   U   U   U   U   U	U 120	120 U U	120 U U	120 U U
AZENE  120 U U 120 U 1	U 120	120 U U	120 U U	120 U U
120   U   U   U   U   U   U   U   U   U	U 120	120 U U	120 U U	120 U U
120   U   U   U   U   U   U   U   U   U	U 120	120 U U	120 U U	120 U U
NITROTOLUENE  NITROTOLUENE  120 U  U  UENE  120 U  U  U  UENE  120 U  U  U  U  U  U  NE  120 U  U  U  NE  120 U  U  U  NE  120 U  NE  120 U  U  NE  120 U	U 120	120 U U	120 U U	120 U U
NITROTOLUENE  120 U U  NE  120 U U  NITROTOLUENE  120	U 120	120 U U	120 U U	120 U U
NITROTOLUENE 120 U U U U U U U U U U U U U U U U U U U	U 120	120 U U	120 U U	120 U U
JUENE  JU	U 120	120 U U	120 U U	120 U U
NE	U 120	120 U U	120 U U	120 U U
NE 120 U U U U U U U U U U U U U U U U U U U	n	120 U U	120 U U	120 U U
NE NE NE NE NE NE NE NE NE NITROTOLUENE 120 U U NITROTOLUENE 120 U U S,000 U S,000 U U S,000 U	U 120	120 U U	120 U U	120 U U
NE NE NITROTOLUENE 120 U U NITROTOLUENE 120 U U 120 U U S, 120 U U 0 3.20  3.20  1.00 U U 0.5	U 120	120 U U	120 U U	120 U U
NE NITROTOLUENE 250 U U U U NITROTOLUENE 120 U U U S, ITOL TETRANITR 5,000 U U U S, 3.20 3.20 U U U II.00 U U II.00 U U II.00 U U III.00 U U III.00 U U III.00 U U IIII.00 U U IIIII.00 U U IIIIIIIIII	U 120	120 U U	120 U U	120 U U
NITROTOLUENE 250 U U U S, ITOL TETRANITR 5,000 U U S, 3.20 U U U S, 1.00 U U U II.00 U U U S, II.00 U U U III.00 U U U III.00 U U III.00 U U IIIIIIIIII	n	120 U U	120 U U	120 U U
120 U U S, 1701. TETRANITR 5,000 U U S, 3.20	n	250 U U	250 U U	250 U U
3.20 U U 3.20 U U 1.00 U U U U U U U U U U U U U U U U U U	U	120 U U	120 U U	120 U U
3.20 1.00 U U U 1.00	n	5,000 U U	5,000 U U	5,000 U U
3.20 1.00 U U 1.00 1.00				
1.00 U U 1.00		1.00 U	1.00 U	1.00 U
	U 1.00	U.00 U	1.00 U	1.00 U
T.MMR\SNAPSHOTIVALIDATD\98MAR01\GROUPG.DB (388 of 388 records) 03/03/98 14:50.1 read by eshein	AARO1\GROUPG.DB (388 of 388 records) 03/03/98 14:5	0.1 read by cshein		Company of the second second
T:\MMR\SNAPSHOT\VALIDATD\98\MAR01\COC.DB (1979 records) 03/05/98 15:05	AAR01\COC.DB (1979 records) 03\05\98 15:05.2	,	Ogden Environmental and Energy	tal and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

# GROUP G: Water Data for Methods 8330, 8515 and CRRSCT

Darbh	B04FAA S02DCA	SOZDDA	SOZDEA	SOZDFA
1002197   100897		S02DDA	SOZDEA	SO2DFA
### ANALYTICAL LAB   REV   GUAL   CODE   RESULT   GLAL   CODE		10/8/97	10/8/97	10/6/01
GKG0         AMALTICAL JUB BEV QUAL         AMALTICAL JUB BEV QUAL         AMALTICAL JUB BE QUAL         OLA QUAL         CODE         AMALTICAL         AMALTICAL         AMALTICAL         AMALTICAL         CODE         AMALTICAL         AMALTICAL         CODE         AMALTICAL         AMALTICA				
Coli 3.5TETRANITR	ANALYTICAL LAB REV RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL GUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
O-1,3,5,7-TETRANITR O-1,3,5-TRINITRO-1,3 ROBENZENE 120 U U 120 U 120 U U 120 U				
COLUMNITROLLIAN   120   U   U   U   U   U   U   U   U   U		120 U U	120 U U	120 U U
ROBENZIÈNE   120   U		120 U U	120 U U	120 U U
SENZENE		120 U U	120 U U	120 U U
120   U   U   U   C   C   U   U   C   C   U   U		120 U U	120 U U	120 U U
120   U   U   U   U   U   U   U   U   U		120 U U	120 U U	120 U U
COLUENE   120   U   U   COLUENE   120   U   U   U   COLUENE   120   U   U   U   COLUENE   120   U   U   U   U   COLUENE   120   U   U   U   U   U   U   U   U   U		120 U U	120 U U	120 U U
### STOTYVALIDATID98MAR01VCOC DB (1979 records) 03/05/98 15:05.2 selected>    20   U   U   U   U   U   U   U   U   U		120 U U	120 U U	120 U U
### FOR THE COLUENT		120 U U	120 U U	120 U U
TOLUENE 120 U U U 120 U U U 120 U U U U 120 U U U U U U U U U U U U U U U U U U U		120 U U	120 U U	120 U U
TOLUENE  120 U U U UENE  120 U U U U U-BNE  120 U U U D-4-NITROTOLUENE  250 U U U CHRITOL TETRANITR  5,000 U U U  1.50 U U U U		120 U U	120 U U	120 U U
120   U   U   U   U   U   U   U   U   U		120 U U	120 U U	120 U U
120   U   U   U   U   U   U   U   U   U		120 U U	120 U U	120 U U
120   U   U   U   U   U   U   U   U   U		120 U U	120 U U	120 U U
120   U   U   U   U   U   U   U   U   U		120 U U	120 U U	120 U U
7-4-NITROTOLUENE 250 U U U D-6-NITORTOLUENE 120 U U U D-6-NITORTOLUENE 120 U U U D-6-NITORTOLUENE 120 U U U D-6-NITORTOLUENE 5,000 U U U D-1.00 U U U D-1.00 U U U D-1.00 U D-1		120 U U	120 U U	120 U U
1.00   U   U   U   U   U   U   U   U   U		250 U U	250 U U	250 U U
THRITOL TETRANITR		120 U U	120 U U	120 U U
#G)  1.50  1.00  U  1		5,000 U UJ C	5,000 U UJ C	5,000 U UJ C
1.00   U   U   U   U   U   U   U   U   U				
1.00 U U U U U U U U U U U IU IU IU IU IU IU	1.00 U	0.5200 J J		
TAMMRASNAPSHÖTVALIDATDV98MAR01\GROUPG.DB (1979 records) 03/03/98 14:50.1 read by <a href="https://www.ncol.ba.nd/">TAMMRASNAPSHOTVALIDATDV98MAR01\COC.DB (1979 records) 03/05/98 15:05.2</a> <a href="https://www.ncol.ba.nd/"><a href="https://www.ncol.ba.nd/">COC.DB (1979 records) 03/05/98 15:05.2</a></a>	U 1.00 U	1.00 U		
T:MMR\SNAPSHOT\VALIDATD\98MAR01\CROUPG.DB (388 of 388 records) 03/03/98 14:50.1 read by T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2 <a href="https://doi.org/10.107/978/15:05.2"><a href="https://doi.org/10.107/978/15:05.2">&gt;<a "="" 10.1007="" doi.org="" href="https://doi.org/10.1&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;T:\MMR\SNAPSHOTVALIDATD\98MAR01\CROUPG.DB (388 of 388 records) 03/03/98 14:50.1 read by T:\MMR\SNAPSHOTVALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2 &lt;br/&gt;&lt;PRG table not selected&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;T:MMR\SNAPSHOTVALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2 &lt;a href=" https:="">CPRG table not selected&gt;</a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>	011/3P/O11/2P/O11/2P/O11/3P/O1/3P/O11/3P/O1	SO I read by eshein	- 1	
<prg not="" scleeted="" table=""></prg>	(01)COC.DB (1979 records) 03/05/98 15:05.2		Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP G: Water Data for Methods 8330, 8515 and CRRSCT

COEDEN ID         SINDINA	EPA NO	S02DGA	S08DCA	S08DDA	S08DEA	S08DFA
AL COAL CODE NAL CODE		S02DGA	S08DCA	S08DDA	S08DEA	S08DFA
AL COMPART OF THE COM		26/6/01	10/1/97	10/1/97	10/1/97	10/1/97
AL CUAL CODE  AL CUAL  TO T	Depth					
	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV	LAB REV QUAL QUAL	AB REV QUAL QUAL
	8330 (UG/KG)					
	OCTAHYDRO-1,3,5,7-TETRANITR	120 U		n	ח	n
	HEXAHYDRO-1,3,5-TRINITRO-1,3	120 U				n
	1,3,5-TRINITROBENZENE			D	n	n
	1,3-DINITROBENZENE				ם	n
	TETRYL			D	n	D
	NITROBENZENE			ח	ח	D
	2,4,6-TRINITROTOLUENE			n	n	n
	4-AMINO-2,6-DINITROTOLUENE				ם	n
	2-AMINO-4,6-DINITROTOLUENE			n	D	n
	2,6-DINITROTOLUENE				ח	D
	2,4-DINITROTOLUENE				n	n
	PICRIC ACID				n	n
	2-NITROTOLUENE				D	n
	4-NITROTOLUENE					b
	3-NITROTOLUENE					
	2,6-DIAMINO-4-NITROTOLUENE				ח	
	2,4-DIAMINO-6-NITORTOLUENE			· ·	n	
, n	PENTAERYTHRITOL TETRANITR	5,000 U UJ		n	U UJ	E
, n	8515 (MG/KG)	-				
D.	HMX/RDX		Þ			
	CKKSCI (MG/KG) TNT/DNT		n	n		
1	T:\MMR\\SNAP\SHOT\VALIDATD\98\	:MAR01\GROUPG.DB (388 MAR01\COC DB (1979 fee	of 388 records) 03/03/98 14:5 ords) 03/05/98 15:05 2	0.1 read by cshein	Ogden Environment	al and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

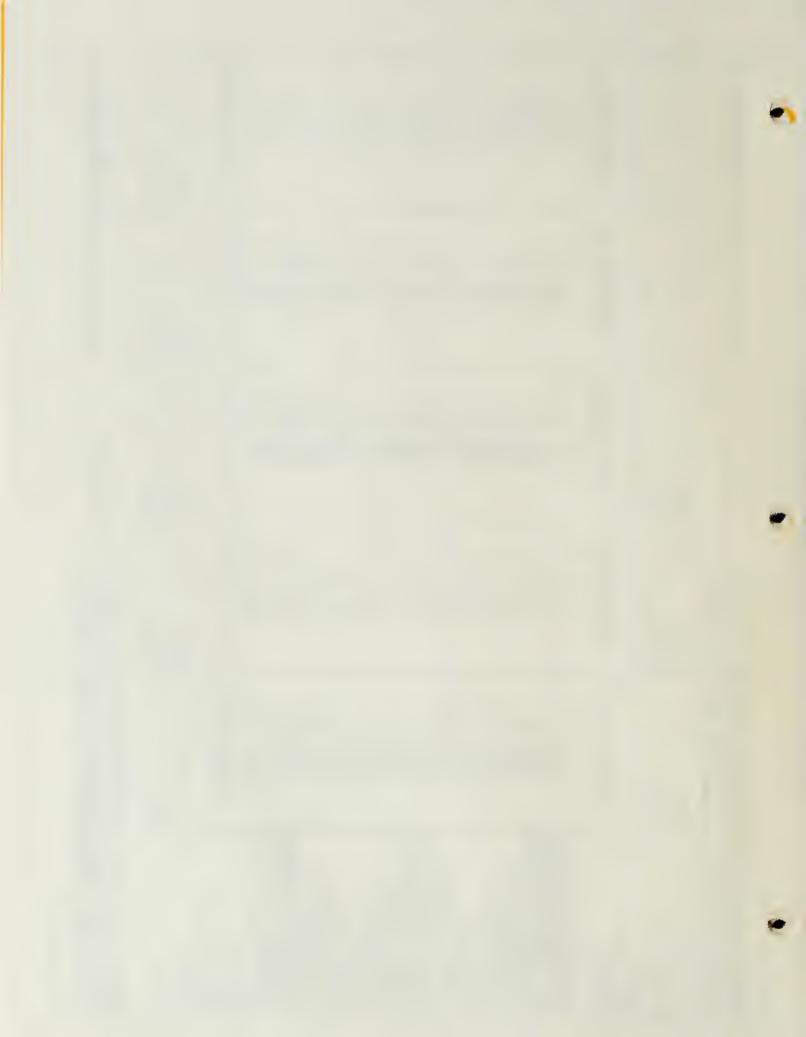
# GROUP G: Water Data for Methods 8330, 8515 and CRRSCT

EPA NO	SI3DCA	S16DDA	S24DCA	S27DCA	S27DCD
OGDEN ID	SI3DCA	S16DDA	S24DCA	S27DCA S27DCA	S27DCD
pa	10/20/97	9/29/97	10/16/97	10/6/97	10/6/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UG/KG)					
OCTAHYDRO-1,3,5,7-TETRANITR	R 120 U U		120 U U	120 U U	120 U U
HEXAHYDRO-1,3,5-TRINITRO-1,3	3 120 U U		120 U U	120 U U	120 U U
1,3,5-TRINITROBENZENE	120 U U		120 U U	120 U U	120 U U
1,3-DINITROBENZENE	120 U U		120 U U	120 U U	120 U U
TETRYL	120 U U		120 U U	120 U U	120 U U
NITROBENZENE	120 U U		120 U U	120 U U	120 U U
2,4,6-TRINITROTOLUENE	120 U U		120 U U	120 U U	120 U U
4-AMINO-2,6-DINITROTOLUENE	120 U U		120 U U	120 U U	120 U U
2-AMINO-4,6-DINITROTOLUENE	120 U U		120 U U	120 U U	120 U U
2,6-DINITROTOLUENE	120 U U		120 U U	120 U U	120 U U
2,4-DINITROTOLUENE	120 U U		120 U U	120 U U	120 U U
PICRIC ACID	120 U UJ Q		120 U U	120 U U	120 U U
2-NITROTOLUENE	120 U U		120 U U	120 U U	120 U U
4-NITROTOLUENE	120 U U		120 U U	120 U U	120 U U
3-NITROTOLUENE	120 U U		120 U U	120 U U	120 U U
2,6-DIAMINO-4-NITROTOLUENE	250 U U		250 U U	250 U U	250 U U
2,4-DIAMINO-6-NITORTOLUENE	120 U U		120 U U	120 U U	120 U U
PENTAERYTHRITOL TETRANITR	R 5,000 U U		5,000 U U	5,000 U UJ C	5,000 U UJ C
8515 (MG/KG)					
HMX/RDX		1.00 U		0.5700 J J	1.00 U
CRRSCT (MG/KG) TNT/DNT		1.00 U		1.00 U	U U 00.1
T.MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPG.DB (388 of 388 r	8MAR01\GROUPG.DB (388	of 388 records) 03/03/98 14:50.1 read by eshem	1.1 read by cshein		
T:MMMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03	8MAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2		Ogden Environment	Ogden Environmental and Energy Services
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					Intor
			)		

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP G: Water Data for Methods 8330, 8515 and CRRSCT

EPA NO	S27DDA	S27DEA	S27DFA	6	
OGDEN ID	S27DDA	S27DEA	S27DFA		
Date Sampled	10/6/97	10/6/97	10/6/97		
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UG/KG)					
OCTAHYDRO-1,3,5,7-TETRANITR	2 120 U U	120 U U	120 U U		
HEXAHYDRO-1,3,5-TRINITRO-1,3	3 120 U U	120 U U	120 U U		
1,3,5-TRINITROBENZENE	120 U U	120 U U	120 U U		
1,3-DINITROBENZENE	120 U U	120 U U	120 U U		
TETRYL	120 U U	120 U U	120 U U		
NITROBENZENE	120 U U	120 U U	120 U U		
2,4,6-TRINITROTOLUENE	120 U U	120 U U	120 U U		
4-AMINO-2,6-DINITROTOLUENE	120 U U	120 U U	120 U U		
2-AMINO-4,6-DINITROTOLUENE	120 U U	120 U U	120 U U		
2,6-DINITROTOLUENE	120 U U	120 U U	120 U U		
2,4-DINITROTOLUENE	120 U U	120 U U	120 U U		
PICRIC ACID	120 U U	120 U U	120 U U		
2-NITROTOLUENE	120 U U	120 U U	120 U U		
4-NITROTOLUENE	120 U U	120 U U	120 U		
3-NITROTOLUENE	120 U U	120 U U	120 U U		
2,6-DIAMINO-4-NITROTOLUENE	250 U U	250 U U	250 U U		
2,4-DIAMINO-6-NITORTOLUENE	120 U U	120 U U	120 U U		
PENTAERYTHRITOL TETRANITR	2,000 U UJ C	5,000 U UJ C	5,000 U UJ C		
8515 (MG/KG)					
CRRSCT MG/KG)	6.00/0.0				
TNT/DNT	1.00 U				
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPG.DB (388 of 388 records) 03/03/98 14:50.1 read by cshein	MAR01/GROUPG.DB (388	of 388 records) 03/03/98 14:50	1.1 read by cshein	Ogden Environmental	and Energy Services
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05	:MAR01\COC.DB (1979 reco	rds) 03/05/98 15:05.2		Technu	Techru
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					OH







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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

EPA NO	W01DDA	WOIDDL	WOIMLE	WOIMMA	WOIMME
OGDEN ID	W01DDA	W01DDL	WOIMLE	WOIMMA	WOIMME
pe	10/1/97	10/1/97	9/29/97	9/29/97	9/29/97
Depth	m rayou managaman and a same and				
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
HARDNESS (AS CACO3) 300.0 (MGL) CHLORIDE (AS CL) SULFATE (AS SO4) 310.1 (MGL) ALKALINITY, BICARBONATE (A ALKALINITY, TOTAL (AS CACO3) M40HD (MGL) HARDNESS (AS CACO3) TOC (MGL) TOTAL ORGANIC CARBON	28.0 7.60 8.30 C 0.000000 U U C 0.000000 U U 40.0 U U	2a.0 40.0 U	2.00 U U U	8.00 J E 6.10 4.50 0.000000 U U 0.000000 U U 8.00 8.00 J F	2.00 U U 0.7000 0.1000 U U 0.000000 U U 1.00 1.00
A CONCENTATION CONTACT IN A CTONOCOL	OS CALLES TO SOLVE THE SOL	one of the control of			
T:MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPH.DB (290 of 290 records) 03/03/98 14:52.1 read by cshein	MAROT/GROUPH.DB (290)	of 290 records) 03/03/98 14·52 rds) 03/05/98 15:05 2	2.1 read by cshein	Ogden Environmental and Energy Services	al and Energy Servi

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

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			V OUZ	Щ	ervi
			AB RE	<u> </u>	S
WOISSID	W01SSD	9/30/97	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	7.10 6.30 6.30 0.000000 U 0.000000 U 8.00 40.0 U	Ogden Environmental and Energy Service
			QUAL	FI	ment:
			REV	5 00 0	iron
WOISSA	W01SSA	9/30/97	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	7.10 6.30 6.30 0.000000 U 0.000000 U 11.0 40.0 U	gden Env
W0	WO	9/30			O
			ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE		
			AB RE		
			TICAL L	2.00 U 0 0 U	csheir
WOISLE	WOISLE	9/30/97	ANALY		ad by
<u></u>	0M	9/3			52.1 re
			ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	Eq.	98 14.5
			AB REV	S D	3/03/
			TICAL L	11.0 0 O U	ords) (86/7/98 15
WOISLD	WOISLD	9/30/97	ANALY		90 rec
≆	×	9/3			0 of 2'
	N		AL CODI	B	) 3 (25) SIC 6979 TG
			ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	>	D8(1
	7		TICAL L	10.0	GROI GCOC.
WOIMMI.	WOIMML	9/29/97	ANALY		AROIV
<u>×</u>	×	9/2			M86\0
	1			NATE (A S CA(	DATE
				ACO3) ARBOI BONZ AL (A ACO3)	LIAVI.I
				AS CL AS CL S SO4 S SO4 CAR , HYD TOT AS CA	SHOT
		led		ESS (  EAL)  DDE (  TE (AL)  NITY  NITY  NITY  NITY  NITY  AL)  ORGA	NAPS NAPS c not s
EPA NO	OGDEN ID	Date Sampled	Jepth Jethod Analyte	HARDNESS (AS CACO3)  300.0 (MG/L)  CHLORIDE (AS CL)  SULFATE (AS SO4)  ALKALINITY, BICARBONATE (AS ALKALINITY, HYDROXIDE (AS CACO3)  MA0HD (MG/L)  HARDNESS (AS CACO3)  TOC (MG/L)  TOTAL ORGANIC CARBON	T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\\GR\OUPHLD\\3\(1979\) records\)\03\\03\\03\\93\\98\\AR\\1DATD\98\\AR\\01\\07\\07\\07\\07\\03\\05\\07\\07\\07\\07\\07\\07\\07\\07\\07
EPA	OGI	Date	Depth Method Analyt	130. H. H. A.	TIM

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

EPA NO	WOISSE	WOISSL	W15DDA	W15DDL	W15SLE
OGDEN ID	W01SSE	W01SSL	WISDDA	W15DDL	W15SLE
Date Sampled	9/30/97	9/30/97	10/9/97	10/9/97	
Depth					6
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
130.2 (MG/L)  HARDNESS (AS CACO3) 300.0 (MG/L)  CHLORIDE (AS CL)	2.00 U U	10.0 J E	38.0	38.0	2.00 U U
SULFATE (AS SO4) 310.1 (MG/L)			12.1		
ALKALINITY, BICARBONATE (A ALKALINITY, CARBONATE (AS C ALKALINITY, HYDROXIDE (AS C	1.00 U 0.000000 U 0.000000 U		38.0 U 0.0000000 U 0.0000000 U U		
ALKALINITY, TOTAL (AS CACO3 IM40HD (MG/L)	0.3 1.00 U		38.0 U		
HARDNESS (AS CACO3)	40.0 U U	40.0 U	21.0	20.0	40.0 U
TOTAL ORGANIC CARBON	0.5000 U		0.5000		
T:MMR\SNAPSHOT\VALIDATD\98MAR\01\\GR\OUPH.DB\(2\)\03/03/98\14:52.1 read by cshein T:MMR\SNAPSHOT\VALIDATD\98MAR\01\\COC.DB\(1\)\03/05/98\15:05.2 <prg not="" selected="" table=""></prg>	98MAR01\GROUPH.DB (290	of 290 records) 03/03/98 14;52 rds) 03/05/98 15:05.2	2.1 read by cshein	Ogden Environmen	Ogden Environmental and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

# GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

EPA NO	W15SSA	W15SSE	W15SSL	W9506A	W9515A
OGDEN ID	W15SSA	W15SSE	W15SSL	W9506A	W9515A
Date Sampled	10/8/01	10/8/97	10/8/01	10/17/97	10/17/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
130.2 (MG/L)					
HARDNESS (AS CACO3)	10.0	2.00 U U	8.00	14.0	16.0
300.0 (MG/L)					
CHLORIDE (AS CL)	8.80	0.8000		8.20	8.00
SULFATE (AS SO4)	9.00	0.1000		4.90	5.00
310.1 (MGL)					
ALKALINITY, BICARBONATE (A	5.00				
ALKALINII Y, CAKBONATE (AS C	0.000000				
ALKALINITY, HYDROXIDE (AS C	U 0.0000000 C	0.000000 U		1.00 U	0.000000 U
ALKALINITY, TOTAL (AS CACO3	3 5.00	1.00 U		8.00	14.0
IM40HD (MG/L)					
HARDNESS (AS CACO3)	40.0 U	40.0 U	40.0 U	40.0 B U	40.0 B U
TOC (MG/L)					
TOTAL ORGANIC CARBON	0.6000 J F	2.10		0.5000 U U	0.6000 J F
T:MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPH.DB (290 of 290 records) 03/03/98 14:52.1 read by cshein T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	MAR01\GROUPH.DB (290)	of 290 records) 03/03/98 14:52 ords) 03/05/98 15:05.2	2.1 read by cshein	Ogden Environment	Ogden Environmental and Energy Services

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

N   D   WOS 15E   WC 10   E   WC 10	M9515E  10/17/97  10/17/97  2.00 U U  0.4000  0.1000 U U  0.1000 U U  VIE (AS C 0.0000000 U U  S CACO3 1.00 U U  40.0 B U	14.0  14.0  14.0  14.0  14.0	LT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	771CAL LAB REV SULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	WC10XE 10/7/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE 2.00 U U U 4.70
101797   1	### ANALYTICAL LAB REV QUAL ANGL)  ### ANALYTICAL LAB REV QUAL ANGL CODE  ### ANALYTICAL LAB REV QUAL ANGL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL CODE  ### ANALYTICAL LAB REV QUAL CODE  ### ANALYTICAL CODE  ### ANALYT	11.7 QUAL CODE 14.0 14.0 14.0 14.0	SULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	40.0  40.0  11.7  11.7  J.60  U.0  00000 U.0	2.00 U U U 7.50
AMALYTICAL   LAB   REV   QUAL   GONE   RESULT   QUAL   CODE   C	##EBULT   QUAL   CODE	ANALYTICAL LAB REV QUAL RESULT  14.0  14.0  U U U	ANALYTICAL LAB REV QUAL GUAL CODE  2.00 U U  40.0 U U	AAB REV QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE 2.00 U U C 7.50 4.70
AMALTICAL LAN BEY QUAL   AMALTICAL LAN BEY QUAL   AMALTICAL LAN BEY QUAL   AMALTICAL LAN BEY QUAL   AMALTICAL LAN BESTUT QUAL QUAL CODE   ABESTUT QUAL QUAL CODE	### RESULT QUAL CODE	ANALYTICAL LAB REV QUAL CODE  14.0  14.0  U U U	ANALYTICAL LAB REV QUAL COBE  2.00 U U  40.0 U U	AB REV PUAL QUAL L	ANALYTICAL LAB REV QUAL RESULT QUAL CODE 2.00 U U 7.50 4.70
SCACO3)  SCL)  8 CL)  8 CL)  8 CABOOU U  8 CABONATE (A  1.00 U  1.00 U	S CACO3)  S CL)  S CL)  S CL)  O .1000 U  BICARBONATE (A  CARBONATE (AS C  CO000000 U  HYDROXIDE (AS C  TOTAL (AS CACO3)  LOO U  I.00 U  IS CACO3)  A0.0 B  NIC CARBON  I.00 U			,, DD	
SCL) SO4) SO40 SO40 U U BICARBONATE (A	S CL)  SO4)  BICARBONATE (A  CARBONATE (AS C  CARBONATE (AS C  O.000000 U  HYDROXIDE (AS C  TOTAL (AS CACO3)  LS CACO3)  A0.0 B  NIC CARBON  L.90			<b>,</b> , , , ,	7.50
BICARBONATE (A 1.00 U U U CARBONATE (A 0.00000 U U U U U U U U U U U U U U U U	BICARBONATE (A 1.00 U CARBONATE (AS C 0.000000 U HYDROXIDE (AS C 0.000000 U TOTAL (AS CACO3 1.00 U S CACO3) 40.0 B NIC CARBON 1.90			, , , ,	2
BICARBONATE (AS C 0.000000 U U U CARBONATE (AS C 0.000000 U U U U U U U U U U U U U U U	BICARBONATE (A 1.00 U CARBONATE (AS C 0.0000000 U HYDROXIDE (AS C 0.000000 U TOTAL (AS CACO3 1.00 U S CACO3) 40.0 B NIC CARBON 1.90				
HYDROXIDE (AS C 0.000000 U U U U U U U U U U U U U U U	HYDROXIDE (AS C 0.000000 U TOTAL (AS CACO3 1.00 U S CACO3) 40.0 B NIC CARBON 1.90				
TOTAL (AS CACO3)  40.0 U  40.0 U  40.0 U  U  NIC CARBON  1.90  1.90  1.90  1.90  1.90  1.90  1.90	TOTAL (AS CACO3 1.00 U S CACO3) 40.0 B NIC CARBON 1.90				
NIC CARBON 1.90 U 40.0 U U 40.0 U U U 40.0 U U	ACACO3) 40.0 B NIC CARBON 1.90			41.0	1.00
GANIC CARBON 1.90  GANIC CARBON 1.90  GANIC CARBON 40.0 U 40.0 U U	GANIC CARBON 1.90			1	
GANIC CARBON 1.90	GANIC CARBON			22.0	
				7	0.5000
	LUMINIKANATATOTA VALIDA HASBARKATA (1979 TECOTAS) 03/03/98 15:05.2 CPDG table not calected>	7.60:61.86/60/60/		echnica	

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

EPA NO	WC10XL	WCIIXA	WC5EXA	WCSEXL	WC6ELD
OGDEN ID	WC10XL	WCIIXA	WCSEXA	WCSEXL	WC6ELD
Date Sampled	10/7/97	10/2/97	10/6/97	10/6/97	10/3/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
130.2 (MG/L) HARDNESS (AS CACO3)	38.0		8.00	8.00	6.00
CHLORIDE (AS CL)		9.70	8.50		
SULFATE (AS SO4) 310.1 (MG/L)		4.20	4.30		
ALKALINITY, BICARBONATE (A	- <	3.50	4.00		
ALKALINITY, HYDROXIDE (AS CACO3					
IM40HD (MG/L) HARDNESS (AS CACO3)	22.0				40.0 U
TOC (MG/L)		( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (			
TOTAL ORGANIC CARBON		0.2000	0.5000 0		
T-WAR ADJON A DETIONAL IN A TEN	OOK AN INTERCEDENCE OF THE PARTY OF THE PART	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			
T-WAMPISNAPSHOTIVALIDATIDASMAROTIVEROUPHLIDB (290 of 290 records) 03/03/	98MARUI (GROUPH.DIS (290-	of 290 records) 03/03/98 14:52.1 read by eshem	2.1 read by eshein	Ogden Environment	Ogden Environmental and Energy Services

T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

MCGEXE   MCGEXE   MCGEXA   MCGEXA   MCGEXE   MCGEXA   MCGEXE   M	WCGEXD  WCODE  AL CODE  BESULT  CODE  CODE	WCGEXP	WCGEXD  WCODE  AL CODE  RESULT  CODE  6.00  6.00  6.00  6.00  7.00  0.000000  U  0.000000  10  10  10/3/97  10  10/3/97  10  10  10  10  10  10  10  10  10  1	(AS CL) AS SO4)	WCGEXA 10/3/97 AMALYTICAL LAB REV QUAL RESULT QUAL CODE	WC6EXD 10/3/97	WC6EXE 10/3/97	WC6EXL 10/3/97
1003/97   1003	10/3/97   10/3	10/3/97   10/3	10/3/97   10/3	(AS CACO3) AS SO4)	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	16/8/01	10/3/97	10/3/97
SCACO3   S	## CODE   ANALYTICAL   LAB   REV   QUAL	## CODE RESULT QUAL CODE RESULT QUAL CODE 6.00   C.80   C.	## CODE   ANALYTICAL   LAB   REV   QUAL	(AS CACO3) (AS CL) AS SO4)	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	, ,	the same of the sa	
SCACO3    AMANTICAL LAB REV QUAL   AMANTICAL LAB REV QUAL LAB REV QUAL LAB REV QUAL LAB REV QU	4.50  6.00  6.00  6.00  6.00  6.00  7.00  0.000000  0.000000  1.00  7.00  0.000000  1.00  7.00  8.500  1.00  9.5000  1.0	## CODE   RESULT   QUAL   QUAL	## CODE   RESULT   QUAL   QUAL	S (AS CACO3) (AS CL) AS SO4)	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE			
SCACO3) SCL)  6.89 SCJ)  6.89 SCJ)  6.89 SCACO3)  6.89 6.89 6.89 6.89 6.89 6.89 6.89 6.8	6.00 6.80 4.50 0.000000 U U 2.00 2.00 40.0 U U 40.0 U U	6.00 6.80 4.50 7.00 0.000000 U U 2.00 7.00 7.00 7.00 7.00 8.14:52.1 read by eshein	6.00 6.80 4.50 7.00 0.000000 U U 0.000000 U U 2.00 40.0 U U 0.5000 J F  6.80 14.52.1 read by eshein	S (AS CACO3) 2.00 U (AS CL.) AS SO4)	0.00	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODI
SCACO3)  SCACO3O  SCA	6.80 4.50 0.000000 U U 0.000000 U U 2.00 40.0 U U 40.0 U U 6.5000 J F F 98 14:52.1 read by eshein	6.80 4.50 0.000000 U U 0.000000 U U 2.00 40.0 U U 40.0 U U 6.5000 J F  98 14:52.1 read by eshein	AS SO4) AS SO4 AS	CHLORIDE (AS CL) SULFATE (AS SO4)		6.00		9.00
BICARBONATE (A  CARBONATE (A	2.00 0.000000 U U 2.00 2.00 40.0 U U 40.0 U U 0.5000 J F  8 14:52.1 read by eshein	2.00 0.000000 U U 0.000000 U U 2.00 40.0 U U 40.0 U U 6.5000 J F  98 14:52.1 read by eshein	2.00 0.000000 U U 0.000000 U U 2.00 40.0 U U 40.0 U U 6.5000 J F 8 14.52.1 read by eshein	10.1 (MGL)	6.80	6.80		
BICARBONATE (A 2.00   1.00   U 0.000000   U 0.00000   U 0.000000   U 0.00000   U 0.00000   U 0.00000   U 0.00000   U 0.000000   U 0.00000   U 0.000000   U 0.00000   U 0.00000   U 0.000000   U 0.0000000   U 0.0000000   U 0.0000000   U 0.000000   U 0.0000000   U 0.0000000   U 0.0000000   U 0.0000000   U 0.0000000   U 0.0000000   U 0.000000   U 0.0000000   U 0.000000   U 0.000000   U 0.000000   U 0.000000   U 0.0000000   U 0.00000000   U 0.00000000   U 0.00000000   U 0.00000000   U 0.00000000   U 0.000000000   U 0.000000000   U 0.0000000000	2.00 0.000000 U U 2.00 2.00 40.0 U U 40.0 U U 40.0 U U 40.0 IU U 40.0 IV II 80.14.52.1 read by eshein	2.00 0.000000 U U 2.00 40.0 U U 40.0 U U 6.5000 J F	2.00 0.000000 U U 2.00 40.0 U U 40.0 U U 6.5000 J F		0+-+	000		
HYDROXIDE (AS C 2.00 0.000000 U U 0.000000 U U 0.000000 U U U 0.00000 U U 0.00000 U U U 0.00000 U U U 0.00000 U U U 0.00000 U 0.0000 U 0.0000 U 0.0000 U 0.0000 U 0.00000 U 0.0000 U 0.0	F 0.50000 U U U 2.00 U U U U U U U U U U U U U U U U U U	F 0.000000 U U U 2.00 U U U U U U U U U U U U U U U U U U	F 0.000000 U U U 2.00 U U U U U U U U U U U U U U U U U U	ALKALINITY, BICARBONATE (A				
TOTAL (AS CACO3)  40.0 U	2.00 40.0 U U 6.5000 J F 7 88 14:52.1 read by eshein	2.00   U   U   F   O.5000   J   F   F   O.5000   J   O.5000	2.00   U   U   F   O.5000   J   F   F   O.5000   J   O.5000   J   O.5000   J   O.5000   O.5000   J   O.5000   J	ALKALINITY, HYDROXIDE (AS C				
ACACO3) 40.0 U U U U U U U U U U U U U U U U U U U	# 40.0 U U U  # 6.5000 J F  # 7.52.1 read by eshein	# 40.0 U U U F	# 40.0 U U U F	ALKALINITY, TOTAL (AS CACO3	2.00	2.00		
GANIC CARISON J. F. 0.5000 J. F. 0.5000 J. F.	F 0.5000 J F	F 0.5000 J F	F 0.5000 J F	AS CACO3) 40.0 U				
	98 14:52.1 read by eshein	98 14:52.1 read by eshein	98 14:52.1 read by cshein	OC (MG/L)			999	
	98 14:52.1 read by eshein	98 14:52.1 read by eshein	98 14:52.1 read by eshein	TOTAL ORGANIC CARBON	>	>	0.0000	
	98 14:52.1 read by eshein	98 14:52.1 read by eshein	98 14:52.1 read by eshein					
	98 14:52.1 read by cshein	98 14:52.1 read by eshein	98 14:52.1 read by eshein					
	98 14:52.1 read by eshein	98 14:52.1 read by eshein	98 14:52.1 read by eshein					
	98 14:52.1 read by eshein	98 14:52.1 read by eshein	98 14:52.1 read by eshein					
	98 14:52.1 read by eshein	98 14:52.1 read by cshein	98 14:52.1 read by cshein					
	98 14:52.1 read by eshein	98 14:52.1 read by eshein	98 14:52.1 read by eshein					
	98 14:52.1 read by eshein	98 14:52.1 read by eshein	98 14:52.1 read by eshein					
				WHISTONIAN STROTT OF THE ACTION OF THE STROTT OF THE STROT	J-5 02 06 100 15:05 3	2. I Icau oy caneiii	Ogden Environment	al and Energy Servi

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

EPA NO	WC7CL.E	WC7CXA	WC7CXE	WC7CXL	WC7EXA
OGDEN ID	WC7CLE	WC7CXA	WC7CXE	WC7CXL	WC7EXA
Date Sampled	10/6/97	10/7/97	10/6/97	76/1/01	10/8/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
130.2 (MG/L) HARDNESS (AS CACO3)	47.0	6.00 J F	44.0	7.00 J F	10.0
CHLORIDE (AS CL) SULFATE (AS SO4)		0.7000 J F	0.1000 U		8.20
310.1 (MG/L) ALKALINITY, BICARBONATE (A	<	3.50 J F	2.00		2.00
ALKALINITY, CARBONATE (AS C	S.C.				
ALKALINITY, HYDROXIDE (AS C ALKALINITY, TOTAL (AS CACO)	33. C	0.000000 U F	0.000000 U		0.000000 U U
IM40HD (MG/L)		)			
HARDNESS (AS CACO3)		40.0 U		40.0 U	40.0 U
TOTAL ORGANIC CARBON		0.6000	0.5000 U		U 0.5000 U
TAMMRASNAPSHOTAVALIDATDA98MAR01XGROUPH DB (290 of 290 records) 03/03/98 14:52.1 read by eshein TAMMRASNAPSHOTAVALIDATDA98MAR01XCOC DB (1979 records) 03/05/98 15 05 2	98MAROINGRÓUPH DB (290) 98MAROINCOC DB (1979) reac	of 290 records) 03/03/98 14:5 rds) 03/05/98 15:05 2	2.1 read by cshein	Ogden Environment	Ogden Environmental and Energy Services
<prg not="" selected="" table=""></prg>			•		hrucal Info
					OTT

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

DOCUMENT	EPA NO	WC7EXL	WC9ELE	WC9EXA	WC9EXE	WC9EXL
1002/97   1002	OGDEN ID	WC7EXL	WC9ELE	WC9EXA	WC9EXE	WC9EXL
## CODE   ANALYTICAL   LAB   BEV   QUAL   ANALYTICAL   LAB   BEV   QUAL   ANALYTICAL   LAB   BEV   QUAL   CODE   RESULT   QUAL   QUAL   CODE   COD	Date Sampled	10/8/97	10/2/97	10/2/97	10/2/97	10/2/97
(AS CACO3)  11.0  2.00 U U  12.0  (AS CL)  AS SO4)  Y. BICARBONATE (AS CACO3)  Y. TOTAL (AS CACO3)  3.00 U U  4.00  4.00  Y. TOTAL (AS CACO3)  3.00 U U  4.00  4.00  6.000000 U U  4.00  5.00 U U  4.00  6.000000 U U  5.00  6.000000 U U  6.000  6.000  6.00  6.0000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.0000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.0000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.0000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.0000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.0000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.0000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.000  6.0000  6.000  6.00000  6.0000  6.0000  6.0000  6.0000  6.0000  6.0000  6.0000  6.00000  6.00000  6.00000  6.00000  6.00000  6.00000  6.00000  6.00000  6.00000  6.00000  6	Depth					
(AS CACO3)  (AS CL)  AS SO4)  Y. BICARBONATE (AS CACO3)  Y. TOTAL (AS CACO3)  A 40.0 U  U  BANIC CARBON  BANIC CARBON  PSHOTN VALIDATID 98 MAROL (RROLPH 1D) 3.290 of 230 records) 0.340 3.498 14 52. I read by eshein	<b>Method</b> Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL
D.	HARDNESS (AS CACO3)  300.0 (MG/L)  CHLORIDE (AS CL)  SULFATE (AS SO4)  310.1 (MG/L)  ALKALINITY, BICARBONATE (A  ALKALINITY, HYDROXIDE (AS CACOS)		D			10.0
	ALKALINII Y, 101AL (AS CACO M40HD (MG/L) HARDNESS (AS CACO3)	40.0 U				
	OC (MGA.) TOTAL ORGANIC CARBON			0.5000		
	MMR\SNAPSHOTIVAL DATD\9	SMAROLIGROUPH DB (290	of 290 records) 03/03/98 14-52	1 read by eshem		

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

EPA NO	WI.26I.D	WL26XA	WL,26XD	WI,26XE	WL26XL
OGDEN ID	WL26LD	WI,26XA	WI.26XI)	WI.26XE	WL26XL
Date Sampled	10/20/97	10/20/97	10/20/97	10/20/97	10/20/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
130.2 (MG/L)					
HARDNESS (AS CACO3)	13.0	13.0	13.0	2.00 U U	12.0
300.0 (MG/L)					
CHLORIDE (AS CL)		8.20	8.10	0.5000	
SULFATE (AS SO4)		5.70	5.60	0.1000 U	
310.1 (MG/L)					
ALKALINITY, BICARBONATE (A		1.00 U	10.0	1.00	
ALKALINITY, CARBONATE (AS C	SC	0.0000000 U	U 00000000	0.000000 U	
ALKALINITY, HYDROXIDE (AS C	SC	0.000000 U	U 0000000	U U 00000000	
ALKALINITY, TOTAL (AS CACO3	.03	U U 00.1	10.0	1.00	
IM40HD (MG/L)					
HARDNESS (AS CACO3)	40.0 U	40.0 U U	40.0 U	40.0 U U	40.0 U U
TOC (MG/L)					
TOTAL ORGANIC CARBON		0.5000 U	0.5000 U	2.70	
T-IMMR\SNAPSHOTIVAT IDATD\98MAR01\GROTIPH Dis (290 of 290 records) 03/03/98 14-52 1 read by cshein	198MAROTIGROUPH DIS (290	of 290 records) 03/03/98 14-5	2 1 read by eshein		OE
TANA MININI DEGLES CIVIL CONTROL AND MAN AND M	OFOLY CIVI COOKING AN AGO	03/05/06/06/06/06/06/06/06/06/06/06/06/06/06/		Ogden Environmeni	Ogden Environmental and Energy Services

T:\MMR\SNAPSHOT\VALJDATI\98MAR01\COC.J\B (1979 records) 03\05\98 15:05.2

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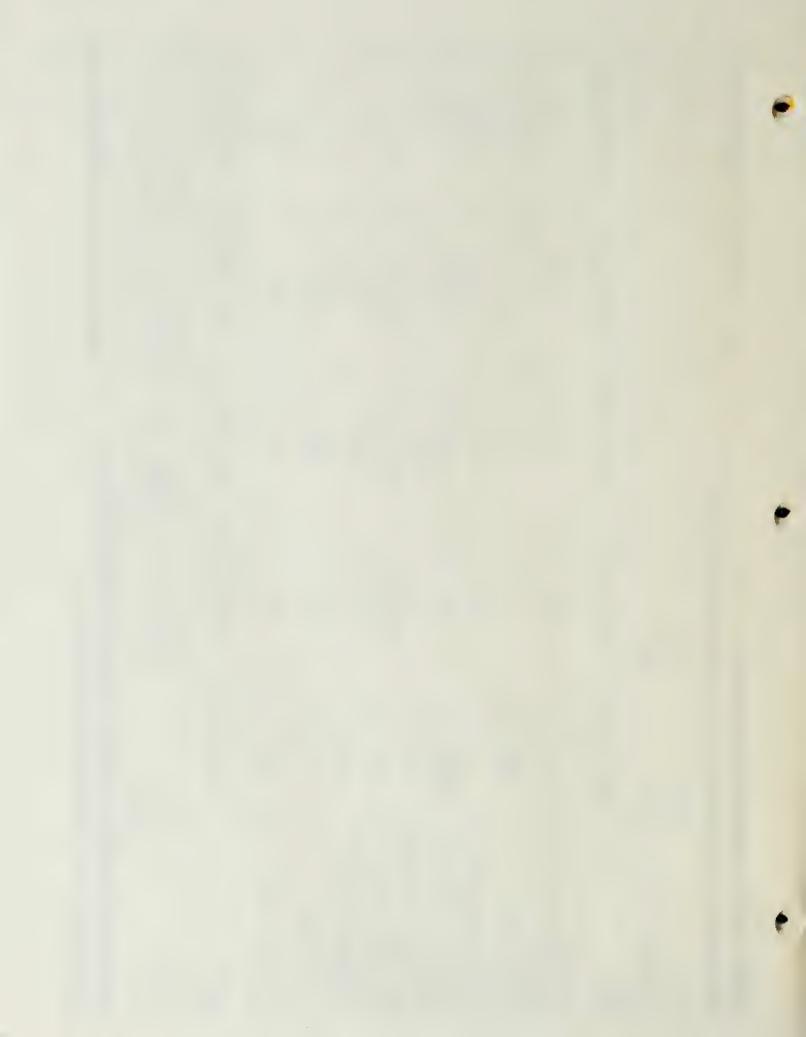
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP H: Water Data for Methods 130.2, 200.0, 310.1, IM40HD and TOC

				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		and Energy Services
i.				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		Orden Environmental and Energy
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		read by cshein
WLSIXL	WL31XL	10/21/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	15.0 40.0 U U	f 290 records) 03/03/98 14:52.1 read by eshein
WL3IAA	WL31XA	10/21/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	15.0  7.30 U  3.61 U  16.0  0.000000 U  0.000000 U  16.0  40.0 U  0.5000 U  U	MAR01/GROUPH.DB (290 of
EPA NO	OGDEN ID W	Date Sampled	Depth	Method Analyte	HARDNESS (AS CACO3)  HARDNESS (AS CACO3)  300.0 (MG/L)  CHLORIDE (AS CL)  SULFATE (AS SO4)  310.1 (MG/L)  ALKALINITY, BICARBONATE (AS CACALINITY, HYDROXIDE (AS CACO3)  M40HD (MG/L)  HARDNESS (AS CACO3)  TOC (MG/L)  TOTAL ORGANIC CARBON	T:MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPH.DB (290 of 290

T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2







Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OGDEN ID  Date Sampled 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		_	B04BAA			B04CAA	B04DAA	B04EAA		
	B04AAA			B04BAA			B04CAA	B04DAA	B04EAA		
	10/21/97			10/21/97			10/21/97	10/21/97	10/21/97		
Depth											
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	REV QUAL	QUAL	ANALYTICAL	LAB REV QUAL QUAL	V QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	REV QUAI	그필
8151 (UG/KG)											
DALAPON	260 U	ם		270 U	n n		270 U U	270 U	270 U	D	
DICAMBA	4.80 U	Þ		4.80 U	n n		4.90 U U	4.90 U U	4.90 U	D	
MCPP	4,800 U	R	0	4,800 U	<u></u>	J C	4,900 U UJ C	4,900 U UJ C	4,900 U	UJ C	
MCPA	4,800 U	n	С	4,800 U	n D	J C	4,900 U UJ C	6,600 P NJ C,*	C, *8, *9 4,900 U	UJ C	
DICHLOROPROP	48.0 U	n		48.0 U	n n		49.0 U U	49.0 U U	49.0 U	n	
2,4-D (DICHLOROPHENOXYACE	48.0 U	n		48.0 U	n n		49.0 U U	49.0 U U	49.0 U	n	
SILVEX (2,4,5-TP)	4.90 U	n		4.90 U	n n		5.00 U U	5.00 U U	5.00 U	n	
2,4,5-T (TRICHLOROPHENOXYAC	4.90 U	n		24.0			9.40 P J *9	5.00 U U	8.70 P	6* f	
DINOSEB	24.0 U	2	0,*4	25.0 U	UR	*	25.0 U R *4	25.0 U R *4	25.0 U	R *4	
2,4 DB	49.0 U	n		49.0 U	n n		50.0 U U	50.0 U U	50.0 U	D	
PENTACHLOROPHENOL	17.0 U	~	*4	18.0 U	UR	*4	18.0 U R *4	18.0 U R *4	18.0 U	R *4	
PICLORAM	4.90 U	n	ر د	4.90 U	U U	J C	5.00 U UJ C	5.00 U UJ C	5.00 U	UJ C	
3,5-DICHLOROBENZOIC ACID	48.0 U	n		140 P	p J	6*	49.0 U U	49.0 U	51.0 P	NJ *8,	6*
CHLORAMBEN	38.0 U	2	0	39.0 U	n n	J C	39.0 U UJ C	39.0 U UJ C	39.0 U	UJ C	
BENTAZON	100 U	n		100 U	n n		100 U U	190	100 U	n	
ACIFLUORFEN	38.0 U	R	Q,*4	39.0	UR	*	39.0 U R *4	39.0 U R *4	39.0 U	R *4	
OM31P (UG/KG)											
ALPHA BHC (ALPHA HEXACHLO	1.70 U	R I	D	U.80 U	UR		U.80 U. U	U U 08.1	1.80 U	Ω	
BETA BHC (BETA HEXACHLORO	1.70 U	Z I	D	1.80 U	UR	Ω	U 0 0 0 1	1.80 U U	1.80 U	n	
DELTA BHC (DELTA HEXACHLO	1.70 U	2	D	1.80	UR	Q	1.80 U U	1.80 U U	1.80 U	n	
GAMMA BHC (LINDANE)	1.70 U	R I	D	1.80	UR	Ω	1.80 U U	1.80 U U	1.80 U	n	
HEPTACILLOR	1.70 U	R	D	1.80 U	UR	Ω	U.80 U	1.80 U U	1.80 U	ח	
ALDRIN	1.70 U	R	D	1.80 U	UR	Ω	U.80 U U	1.80 U U	1.80 U	n	
HEPTACHLOR EPOXIDE	1.70 U	R	<u></u>	1.80	UR	Q	1.80 U U	1.80 U U	1.80 U	D	
ALPHA ENDOSULFAN	1.70 U	R	D	1.80 U	UR	Ω	1.80 U U	1.80 U U	1.80 U	Ω	
TANK ON ADMINISTRATION AT TOUCON	and do locally		9 000						1		0
TAMA (BONDANIA DETICATION VALIDATION (AND MAKOUKLIDIS (688 01 688 TECOTOS) (13/03/97)	AAKUINGKOUM	) 2001.	088 01	oss records) u	5/05/2	8 14:0 C	records) 03/03/98 14:55.1 read by eshein	Ogden Environmental and Energy Services	ntal and Energy	/ Servic	Cess

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Name	Name	EPA NO	B04AAA	B04BAA	B04CAA	B04DAA	B04EAA
Marked   M	March   Marc	OGDEN ID	B04AAA	B04BAA	B04CAA	B04DAA	B04EAA
A	Package   Pack	Date Sampled	10/21/97	10/21/97	10/21/97	10/21/97	10/21/97
COCKO) Continued         Amaximued         Amaximued (COCKO) Continued         Amino (COCKO) CONTINUED          Amino (COCKO) CONTINUED         Amino (COCKO) CONTINUED         Amino (COCKO) CONTINUED         Amino (COCKO) CONTINUED         Amino (COCKO) CONTINUED         Amino (COCKO) CONTINUED         Am	## CANCAROCHIOR 1221)  **CANCAROCHIOR 1220)  **CHARCHIOR NATURALIDATIDOSMARROHICGCODE   1200	Depth					
ENYL)-  3.40 U R D  3.40 U R D  3.40 U R D  3.40 U R D  3.50 U U  3.50 U U  3.50 U U  3.50 U U  3.40 U U  3.50 U U  3.50 U U  3.40 U U  3.50 U U  3.50 U U  3.40 U U  3.50 U U	ENYL)-  3.40 U R D  3.50 U U  3.	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV RESULT QUAL QUAL	LAB REV QUAL QUAL	LAB REV QUAL QUAL
340 U R D 340 U R D 350 U U 350 U U 340 U D 34	D   3.50   U   0   3.50   U   U   0   0   0   0   0   0   0	OM31P (UG/KG) Continued					
3.40 U R         D         3.40 U R         3.50 U U         3.50 U U         3.40 U U         3.	D 3.50 U U 3.50 U U 3.50 U U D 3.50 U U D 3.50 U U D 3.50 U U U 3.50 U U U 3.50 U U U D 3.50 U U U 1.80 U 1.80 U 1.80 U U 1.80 U 1	DIELDRIN	×	.40 U	50 U	.50 U	.40 U
3.40 U R         D         3.40 U R         D         3.50 U U         0         3.50 U U         0         3.40 U U         0         0         0         0 <td>D 3.50 U U 3.50 U U D 3.50 U U U D 3.50 U U</td> <td>DDE (1,1-BIS(CHLOROPHENYL)-</td> <td>3.40 U R</td> <td>.40 U R</td> <td>50 U</td> <td>50 U</td> <td>40 U</td>	D 3.50 U U 3.50 U U D 3.50 U U U D 3.50 U U	DDE (1,1-BIS(CHLOROPHENYL)-	3.40 U R	.40 U R	50 U	50 U	40 U
3.40 U         R         D         3.50 U         U         3.50 U         U         3.50 U         U         3.40 U         U         3.40 U         U         3.50 U         U         3.50 U         U         3.50 U         U         3.40 U         U<	D 3.50 U U 3.50 U U 3.50 U U D 3.50 U U U U U D 3.50 U U U U U U U U U U U U U U U U U U U	ENDRIN	×	.40 U R	50 U	50 U	40 U
3.40 U         R         D         3.50 U         R         3.50 U         U         3.50 U         U         3.50 U         U         3.40 U         U         3.40 U         U         3.50 U         U<	D 3.50 U U 350 U U U 180 U U U 350 U U U U U 350 U U U U U 350 U U U U U 350 U U U U U U U U 350 U U U U U 350 U U U U U U U U U U U U U U U U U U U	BETA ENDOSULFAN	×	40 U R	50 U	50 U	n
3.40 U         R         D         3.50 U         U         3.50 U         U         3.40 U         U         3.40 U         U         3.40 U         U         3.50 U         U         3.50 U         U         3.40 U         U<	D 3.50 U U 350 U U U 350 U U U 18.0 U 18.0 U U	DDD (1,1-BIS(CHLOROPHENYL)	. 3.40 U R	UR	n	50 U	b
3.40 U R         R         3.40 U R         B         3.50 U U         3.50 U U         180 U	D 3.50 U U 18.0 U U 18.0 U U 19.0 U 1	ENDOSULFAN SULFATE	2	UR	ח	50 U	n
17.0 U R         D         18.0 U R         D         18.0 U U         18.0 U U<	D 18.0 U U 3.50 U U U 2.50 U U U 3.50 U U U 3.50 U U 2.50 U	DDT (1,1-BIS(CHLOROPIENYL)-	3.40 U R	U R	.50 U	50 U	n
3.40 U         R         D         3.50 U         U         3.40 U         U         3.40 U         U         3.40 U         U         3.50 U         U         3.50 U         U         3.50 U         U         3.40 U         U         3.40 U         U         3.40 U         U         3.40 U         U         3.50 U         U         3.50 U         U         3.40 U         U         3.80 U         U<	D 3.50 U U 3.50 U U 1.80 U 1.80 U U 1.80 U U 1.80 U 1.8	METHOXYCHLOR	×	UR	ח	n	n
3.40 U         R         3.40 U         R         3.50 U         U         3.50 U         U         1.80 U         U         1.	D 3.50 U U 1.80 U	ENDRIN KETONE	2	UR	50 U	50 U	n
1.70 U         R         D         1.80 U         R         D         1.80 U         U         1.80 U<	D 1.80 U U 1.80 U	ENDRIN ALDEHYDE	2	UR	ח	.50 U	n
1.70 U       R       D       180 U       U       180 U	D 1.80 U U 180 U 1	ALPHA-CHLORDANE	~	UR	D	ם	n
170 U       R       D       180 U       U       180 U       1	D 180 U U 35.0 U U U U 35.	3AMMA-CHLORDANE	×	UR	ח	D	n
34.0 U       R       D       35.0 U       U       35.0 U       U       34.0 U       U       35.0 U       U       34.0 U       U       34.0 U       U       35.0 U       U       34.0 U       35.0 U       U       35.0 U       U       34.0 U	D 35.0 U U 70.0 U U 70.0 U U 35.0 U U U U U U U U U U U U U U U U U U U	TOXAPHENE	2	UR	n	n	n
68.0 U R D	D 70.0 U U 35.0 U U U U 35.0 U 0 U 35	PCB-1016 (AROCHLOR 1016)	2	UR	n	n	Þ
34.0 U R D 34.0 U R D 35.0 U U U U U 35.0 U U U U U 35.0 U U U U U U 35.0 U U U U U U U U U U U U U U U U U U U	D 35.0 U U	PCB-1221 (AROCHLOR 1221)	2	UR	ם	D	Þ
34.0 U R D 34.0 U R D 35.0 U U 35.0 U U 35.0 U U 34.0 U 34.0 U 35.0 U U 35.0 U U 35.0 U U 34.0 U 34.0 U 34.0 U 34.0 U 35.0 U U 34.0 U 34.0 U 34.0 U 34.0 U U 35.0 U U U 35.0 U U U U 35.0 U U U U 35.0 U U U U U 35.0 U U U U U U 35.0 U U U U U U U U U U U U U U U U U U U	D 35.0 U U U 35.0 U U U U 35.0 U 35.0 U 0 U 35.0	PCB-1232 (AROCHLOR 1232)	×	UR	ח	n	Þ
34.0 U R D 34.0 U R D 35.0 U U 35.0 U U 35.0 U U 34.0 U 34.0 U 34.0 U U 35.0 U U 35.0 U U 34.0 U U 34.0 U U 34.0 U U 35.0 U U 34.0 U U 34.0 U U 34.0 U U 35.0 U U U 34.0 U U U 34.0 U U U 34.0 U U U U 34.0 U U U U U U U U U U U U U U U U U U U	D 35.0 U U Martin and and and and and and and and and an	PCB-1242 (AROCHLOR 1242)	×	UR	ם	ח	n
34.0 U R D 34.0 U R D 35.0 U U 35.0 U U 34.0 U 34.0 U U 35.0 U U 35.0 U U 35.0 U U 34.0 U	D 35.0 U U 35.0 U U 35.0 U U 35.0 U U O 35.0 U U O Ogden Environmental and	PCB-1248 (AROCHLOR 1248)	2	UR	n	n	n
34.0 U R D 35.0 U U 35.0 U U 34.0 U	B 14:55.1 read by cshein Ogden Environmental and	PCB-1254 (AROCHLOR 1254)	R	UR	D	no	Þ
	8 14:55.1 read by cshein Ogden Environmental and	PCB-1260 (AROCHLOR 1260)	~	U R	n	n	n
	8 14:55.1 read by cshein Ogden Environmental and						
		MMR\SNAPSHOT\VALIDATD\9	8MAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2			i i
		RG table not selected>			•		•

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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Ed Tologophenoxyace St.4.5-TP)  RICHLOROPHENOXYACE	11/97  ANALYTICAL LAB REV QUAL RESULT  290 U U 5.200 U U 5,200 U U 5,300 U U 5,300 U U 5,30 U U 5,30 U U 5,30 U U	U R S U R S	SOBDCA  10/1/97  ANALYTICAL LAB REV QUAL RESULT QUAL CODE  270 U UJ *4  4.80 U U	S13DCA 10/20/97	\$16DDA 9/29/97
PROP LOROPHENOXYACE ',5-TP)	AB REV QUAL CODE.  U U U C U U U U U U U U U U U U U U U	270 U R S 4.80 U R S 4.90 U R S	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  270 U UJ *4 4.80 U U	10/20/97	9/29/97
PROP LOROPHENOXYACE ',5-TP)	AB REV QUAL CODE.  U U U U U C U UJ C U U U U U U U U U U U U U U U U U U U	AMALYTICAL LAB REV QUAL CODE 270 U R S 4.800 U R S 48.00 U R S 48.00 U R S 48.00 U R S 49.00 U R S 5 49.00 U R S	ANALYTICAL LAB REV QUAL RESULT QUAL CODE 270 U UJ *4 4.80 U U		
PROP LOROPHENOXYACE ',5-TP)	AB REV QUAL CODE.  U U U C U U U C U U U C U U U C U U U C U U U C U U U C U U U C	ANALYTICAL LAB REV QUAL RESULT QUAL CODE 270 U R S 4,800 U R S 48.0 U R S 48.0 U R S 48.0 U R S 49.0 U R S 4.90 U R S	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  270 U UJ *4  4.80 U U		
PROP LOROPHENOXYACE 5.5-TP)		****	î a ĉ	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
PROP ILOROPHENOXYACE 4,5-TP)		<b>~~~~~~</b>	50:		
v v		***		260 U U	270 U UJ *4
vo vo		***	_	4.70 U U	4.80 U U
δ.		R R R R	4,800 0	4,700 U UJ C	4,800 U U
		U R R R	4,800 U U	4,700 U UJ C	4,800 U U
		U R U R	48.0 U U	47.0 U	48.0 U U
5.30		U R	48.0 U U	47.0 U	48.0 U U
5.30			4.90 U	7.20 P J *9	4.90 U
0.10		4.90 U R S	4.90 U	6.40 P NJ *8,*9	9 4.90 U
DINOSEB 27.0 0	U R *4	25.0 U R S	25.0 U UJ C	24.0 U R *4	25.0 U UJ C
2,4 DB 53.0 U	n n	49.0 U R S	49.0 U	48.0 U U	49.0 U U
PENTACHLOROPHENOL 19.0 U	U R *4	18.0 U R S	18.0 U UJ C	17.0 U R *4	18.0 U UJ C
PICLORAM 5.30 U	u ui c	4.90 U R S	4.90 U U	4.80 U UJ C	4.90 U
3,5-DICHLOROBENZOIC ACID 52.0 U	n n	48.0 U R S	48.0 U U	47.0 U U	48.0 U U
CHI,ORAMBEN 42.0 U	u ui c	39.0 U R S	39.0 U UJ C	38.0 U UJ C	39.0 U UJ C
BENTAZON 110 U	u u	100 U R S	100 U UJ C	100 U	100 U UJ C
ACIFLUORFEN 42.0 U	U R *4	39.0 U R S	39.0 U UJ *4,C	38.0 U R *4	39.0 U UJ *4,C
OM31P (UG/KG)					
ALPHA BHC (ALPHA HEXACHLO 1.90 U	ממ	U.80 U	U.80 U	1.70 U	1.80 U U
BETA BHC (BETA HEXACHI, ORO 1.90 U	מת	U U 08.1	1.80 U U	U D D 07.1	U D 08.1
DELTA BHC (DELTA HEXACHLO 1.90 U	u u	1.80 U U	U.80 U	1.70 U	1.80 U
GAMMA BHC (LINDANE) 1.90 U	חחח	1.80 U U	U 0 0 0 1.80 U	U 0 0.1	1.80 J U B
HEPTACHLOR 1.90 U	n n	U 0 08.1	U U 08.1	U D 07.1	1.30 J J S,*5
ALDRIN 1.90 U	ת ת	1.80 U U	U U 08.1	U D 07.1	1.00 J J S,*5
HEPTACHLOR EPOXIDE 1.90 U	מח	1.80 U U	U.80 U	1.70 U U	U.80 U
ALPHA ENDOSULFAN 1.90 U	חחח	1.80 U U	U U 01.80 U	U U U	1.80 U U

T:MMR\SNAPSHOT\VALIDATD\98MAR\01\\GROUPLDB\((688\)\ of \688\) records)\03\\03\\98\) 14.55.1\ read by cshein

T:\MMR\SNAPSHOT\VALIDATD\98MAR\01\COC.DB\((1979\) records)\03\05\98\15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Delta   Delt	EPA NO	B04FAA	SOZDCA	S08DCA	SI3DCA	S16DDA	
Total		B04FAA	S02DCA	S08DCA	SI3DCA	S16DDA	
### AMAXYRTCAL LAM   FEBURE   COLUMN		10/21/97	10/8/01	10/1/97	10/20/97	9/29/97	
### GRANCH CONTINUED   1900	Depth						
BINYL)-  3.70 U U 3.40 U U 1.80 U 1.80 U U 1.80 U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	CAB RFV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	AL DE
3.40 U U 0 3.40 U 0 U 0 0 0 0 0 U 0 0 0 0 0 U 0 0 0 0	OM31P (UG/KG) Continued						
3.40 U	DIELDRIN	-	.40 U	.40 U	30 U	2.20 J J S,*5	*5
3.40 U U 0 3.40 U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DDE (1,1-BIS(CHLOROPHENYL)-	3.70 U	.40 U	40 U	D		
3.40 U U U U U 3.40 U U U U 3.40 U U U U U U U 3.40 U U U U U U U U U U U U U U U U U U U	ENDRIN		.40 U	40 U	30 U	2.10 J J S,*	*5
3.40 U U U 3.40 U U U 180	BETA ENDOSULFAN		40 U	40 U	ח	3.40 U U	
3.40 U U 3.40 U U 18.0 U U 18.0 U U 18.0 U U 18.0 U U U 18.0 U U 19.0 U	DDD (1,1-BIS(CHLOROPHENYL)-	3.70 U	40 U	40 U	30 U	3.40 U U	
3.40 U U U 18.0 U U 18.0 U U 18.0 U U 18.0 U U 19.0 U	ENDOSULFAN SULFATE	D	40 U	40 U	30 U	3.40 U U	
18.0 U U 3.40 U U 3.40 U U 1.80 U U 1.80 U U 1.80 U U 1.80 U U 1.80	DDT (1,1-BIS(CHLOROPHENYL)-	3.70 U	40 U	40 U	D	2.10 J J S,*	*5
3.40 U U 3.40 U U 1.80 U U 1.80 U U 1.80 U U U 1.80 U 1.80 U U 1.80 U	METHOXYCHLOR	D		$\supset$	D	U U 0.81	
3.40 U U 180 U U 180 U U 180 U U 180 U U 180 U U U 180 U U 180 U U U 180 U U 180 U U 180 U U 180 U U U 180 U U 180 U U U U 180 U U U U U 180 U U U U U U U U U U U U U U U U U U U	ENDRIN KETONE		ח	n	ם	3.40 U U	
1.80 U U U 1.80 U U 1.8	ENDRIN ALDEHYDE	n	n	40 U	D	3.40 U U	
1.80 U U 180 U U U U 180 U U U 180 U U U 180 U U U U U U U U U U U U U U U U U U U	ALPHA-CHLORDANE		$\Box$		D	U D 08.1	
180 U U U 34.0 U U 69.0 U U 69.0 U U 0 69.0 U U U 34.0 U U U U U U U U U U U U U U U U U U U	GAMMA-CHI, ORDANE		D		ם	1.80 U U	
34.0 U U 69.0 U U 69.0 U U 69.0 U U 34.0 U U U U 34.0 U U U U U U 34.0 U U U U U U U U U U U U U U U U U U U	TOXAPHENE		D		n	180 U	
69.0 U U 34.0 U U 34.0 U U 34.0 U U U U 34.0 U U U U 34.0 U U U U U 34.0 U U U U U U U 34.0 U U U U U U U U U U U U U U U U U U U	PCB-1016 (AROCHLOR 1016)		D	ח	n	34.0 U U	
34.0 U U U U U 34.0 U U U U 34.0 U U U U U U U U U U U U U U U U U U U	PCB-1221 (AROCHLOR 1221)		n	Ω	n	U U 0.69	
34.0 U U U U U 34.0 U U U U U 34.0 U U U U U 34.0 U U U U U U U U U U U U U U U U U U U	PCB-1232 (AROCHI.OR 1232)		ח	n	n	34.0 U U	
34.0 U U 34.0 U U 34.0 U U 34.0 U U U U 34.0 U U U U U 34.0 U U U U U U U U U U U U U U U U U U U	PCB-1242 (AROCHLOR 1242)		n	n	n	34.0 U U	
34.0 U U 34.0 U U 34.0 U U 34.0 U U O O O O O O O O O O O O O O O O O	PCB-1248 (AROCHLOR 1248)		n	$\supset$	n	34.0 U U	
34.0 U U 34.0 U U Cords) 03/03/98 14:55.1 read by cshein (05/98 15:05.2	PCB-1254 (AROCHLOR 1254)				n	34.0 U U	
cords) 03/03/98 14:55.1 read by cshein (05/98 15:05.2	PCB-1260 (AROCHLOR 1260)		O O	Ω	n o	34.0 U	
cords) 03/03/98 14:55.1 read by cshein (05/98 15:05.2							
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cords) 03/03/98 14:55.1 read by cshein (05/98 15:05.2							
/05/98 15:05.2	T.MMR\SNAPSHOT\VALIDATIO\98	SMAR01\GROUPI DI3 (688 o	f 688 records) 03/03/98 14-55	l read by cshein			ЮЕ
<prg not="" scheded="" table=""></prg>	T:\MMR\SNAPSHOT\VALIDATD\98	8MAR01\COC.DB (1979 reco	rds) 03/05/98 15:05.2		Ogden Environmen	tal and Energy Service	Tec
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	S16DRA	S24DCA	S27DCA	S27DCD	i
OGDEN ID	S16DRA	S24DCA	S27DCA	S27DCD	
Date Sampled	10/6/97	10/16/97	10/6/97	10/6/97	
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8151 (I)G/KG)					
DALAPON	280 [1] [1] *4	280 U R D	270 U UJ O*4	270 U UJ *4	
DICAMBA	; D	: ~	ß D	, D	
MCDD		Δ.	=		
MCPA		4 0			
DICHLOROPROP		; <u>~</u>			
2 4-D (DICHI, OROPHENOXYACE		2 2	48.0 U		
SILVEX (2,4,5-TP)		~	4.90 U	4.90 U	
2,4,5-T (TRICHLOROPHENOXYAC		5.20 U R D	4.90 U U	4.90 U	
DINOSEB		26.0 U R D	25.0 U R Q	25.0 U UJ C	
2,4 DB	53.0 U U	52.0 U R D	49.0 U	49.0 U	
PENTACHLOROPHENOL	19.0 U UJ C	18.0 U R D	18.0 U UJ C	18.0 U UJ C	
PICLORAM	5.30 U U	5.20 U R D	4.90 U U	4.90 U U	
3,5-DICHLOROBENZOIC ACID	52.0 U U	50.0 U R D	48.0 U U	48.0 U U	
CHLORAMBEN	41.0 U UJ C	40.0 U R D	39.0 U UJ C	39.0 U UJ C	
BENTAZON	110 U U	110 U R D	100 U U	100 U U	
ACIFLUORFEN	41.0 U UJ *4,C	40.0 U R D	39.0 U R Q	39.0 U UJ *4,C	
OM31P (UG/KG)					
ALPHA BHC (ALPHA HEXACHLO	O 1.90 U	U.80 U	I.40 J J	1.80 U U	
BETA BHC (BETA HEXACHLORO	O 1.90 U U	U D 08.1	U U 0.70	1.80 U U	
DELTA BHC (DELTA HEXACHLO	U U 00.1 O	1.80 U U	U U 0 0.1	1.80 U U	
GAMMA BHC (LINDANE)	U U 06.1	1.80 U U	U D D 07.1	1.80 U U	
HEPTACHLOR	U U 00.1	1.80 U U	1.70 U U	1.80 U U	
ALDRIN	1.90 U	1.80 U U	1.70 U U	1.80 U U	
HEPTACHLOR EPOXIDE	1.90 U	U U 08.1	1.70 U U	1.80 U U	
ALPHA ENDOSULFAN	U U 06.1	1.80 U U	U U 0.71	U U 08.1	
T.MMRISNAPSHOTIVALIDATINGSMAROUGROLIDIDIR (688 records) 03/03/98 14:55 1 read by cehrin	8MAROHGROHDI DE (688	of 688 records) 03/03/98 14:55	Tread by cehein		OE .
T-MAMPISNA PSHOTIVA I IDATINOSMA POLICOCIDE (1979 records) 03/05/08 15:05:2	SMAROINCOC DB /1979 rev	or deel records) 05/05/75 17:55		Ogden Environmenta	l and Energy Services
CPRG table not selected>		00100) 05/05/05/05/05			ehnica
					l Info
					pn

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO S	S16DRA	S24DCA	32/IJCA	92/DCD	
OGDEN ID	S16DRA	S24DCA	S27DCA	S27DCD	
Date Sampled	10/6/97	10/16/97	10/6/97	10/6/97	
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31P (UG/KG) Continued					
DIELDRIN	3.60 U U	3.50 U U	3.40 U U	3.40 U U	
DDE (1,1-BIS(CHLOROPHENYL)-	3.60 U U	3.50 U U	3.40 U U	3.40 U U	
ENDRIN	3.60 U U	3.50 U U	3.40 U U	3.40 U U	
BETA ENDOSULFAN	3.60 U U	3.50 U U	3.40 U U	3.40 U U	
DDD (1,1-BIS(CHLOROPHENYL)-	3.60 U U	3.50 U U	3.40 U U	3.40 U U	
ENDOSULFAN SULFATE	3.60 U U	3.50 U U	3.40 U	3.40 U U	
DDT (1,1-BIS(CHLOROPHENYL)-	3.60 U U	3.50 U U	3.40 U U	3.40 U U	
METHOXYCHI.OR	19.0 U	18.0 U	17.0 U	U U 0.81	
ENDRIN KETONE	3.60 U U	3.50 U U	3.40 U U	3.40 U U	
ENDRIN ALDEHYDE	3.60 U U	3.50 U U	3.40 U U	3.40 U	
ALPHA-CHLORDANE	U D 06.1	1.80 U U	1.70 U U	U U 0 01.80	
GAMMA-CHLORDANE	1.90 U U	1.80 U U	1.70 U U	U 0 0 0 1	
TOXAPHENE	190 U	180 U U	170 U U	180 U U	
PCB-1016 (AROCHLOR 1016)	36.0 U U	35.0 U U	34.0 U U	34.0 U U	
PCB-1221 (AROCHLOR 1221)	73.0 U U	72.0 U U	U U 0.69	U U 0.69	
PCB-1232 (AROCHLOR 1232)	36.0 U U	35.0 U U	34.0 U U	34.0 U U	
PCB-1242 (AROCHLOR 1242)	36.0 U U	35.0 U U	34.0 U U	34.0 U U	
PCB-1248 (AROCHLOR 1248)	36.0 U U	35.0 U U	34.0 U U	34.0 U U	
PCB-1254 (AROCHLOR 1254)	36.0 U U	35.0 U U	34.0 U U	34.0 U U	
PCB-1260 (AROCHLOR 1260)	36.0 U	35.0 U U	34.0 U U	34.0 U U	
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T:MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2





Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Thu Mar 05 15:10 1998 Page 1 of 14

GROUP J: Water Data for Methods 8151 and OL21P

OGDEN ID         S02DCF           Date Sampled         10/9/97           Depth         Analyte           Analyte         Analyte	S02DCE			AGGIOTA	********
ampled 10/9		S14DAE	S27DCE	WOLDDA	WOIMMA
d yte.	16/	7/21/97	10/6/97	10/1/97	9/29/97
9					
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8151 (UG/L)					
DALAPON	2.30 U U	2.30 U U	2.30 U U	2.30 U UJ *4	2.40 U 1 *4,Q
DICAMBA	U 000000	U U 0000.0	0.1000 U	0.1000 U	0.1000 U
MCPP	94.0 U U	94.0 U U	U U 0.96	U U 0.56	U U 0.76
MCPA	93.0 U U	93.0 U	U U 0.26	94.0 U	D 0.96
DICHLOROPROP	0.9400 U U	0.9400 U	U 0096.0	U 0.9500 U	U 0.9700 U
2,4-D (DICHLOROPHENOXYACE	0.9400 U U	0.9400 U	U 0096.0	U U 009500	U D 00.9700
SILVEX (2,4,5-TP)	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
2,4,5-T (TRICHLOROPHENOXYAC	0.1000 U	0.1000 U	U 00000	0.1000 U	0.1000 U
DINOSEB	U U 0086.0	U U 0086.0	1.00 U	0.9900 UJ C	1.00 U R Q
2,4 DB	0.9500 U	U U 0.9500	U 00.9700 U	U U 0096.0	U U 0086.0
PENTACHLOROPHENOL	0.2400 U U	0.2400 U U	0.2400 U U	0.2400 U UJ C	0.2500 U U
PICLORAM	0.2800 U U	0.2800 U	0.2800 U	0.2800 U	0.2900 U UJ *4,Q
3,5-DICHLOROBENZOIC ACID	0.9400 U U	0.9400 U	U U 0096.0	0.9500 U UJ C	U U 0.9700
CHLORAMBEN	0.7500 U U	1.00 U	U U 009L'0	0.7600 U UJ C	0.7700 U UJ C,Q
BENTAZON	2.00 U U	2.00 U U	2.00 U U	2.00 U U	2.10 U UJ C
ACFLUORFEN	0.7500 U	1.00 U	U 0092.0	0.7600 U UJ C	0.7700 U UJ C,Q
OL21P (UGA)					
ALPHA BHC (ALPHA HEXACHLO	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U
BETA BHC (BETA HEXACHLORO	0.0100 U	0.0100 U	U 0.0100	0.0100 U	0.0100 U
DELTA BHC (DELTA HEXACHLO	0.0100 U	0.0100 U	0.0100 U	0.0100 U	U 0.0100
GAMMA BHC (LINDANE)	0.0100 U	0.0100 U	U 00100	0.0100 U	U 0.0100 U
HEPTACHLOR	0.0100 U	0.0100 U	U 00100	0.0100 U	0.0100 U
ALDRIN	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U
HEPTACHLOR EPOXIDE	0.0100 U	0.0100 U	U 00100	0.0100 U	U U 00100
ALPHA ENDOSULFAN	0.0100 U	0.0100 U	U 00100	0.0100 U	U 0.0100 U

TAMMRASNAPSHOTAVALIDATDA98MAR01/GROUPLIDB (1392 of 1392 records) 03/03/98 14:57.2 read by cshein

T.MMRINSNAPSHOTIVALIDATD\98MAR01\COC.DB (1979 records) 03\05\98 15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

## GROUP J: Water Data for Methods 8151 and OL21P

ANALYTICAL LAB REV QUAL  10/9/97  T.)-  0.0200 U U	97  97  0.0200 U U	B REV QUAL  U U U U U U U U	10/1/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	9/29/97  ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  0.0200 U U  0.0200 U U
COCAL) Continued	97  WALTHCAL LAB REV QUAL RESULT  0.0200 U U	SULT QUAL CODE  SOLO U U  SOLO U	10/1/97  ANALYTICAL LAB REV QUAL RESULT QUAL CODE  0.0200 U U U  0.0200 U U	9/29/97  ANALYTICAL LAB REV QUAL RESULT  0.0200 U U
COCAL) Continued	0.0200 0.0200 0.0200 0.0200 0.0200 0.0200 0.0200 0.0200 0.0200	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	ANALYTICAL LAB REV QUAL CODE  0.0200 U U	ANALYTICAL LAB REV QUAL CODE  0.0200 U U
(UGL) Continued  O.0200 U  O.0200 U	0.0200 0.0200 0.0200 0.0200 0.0200 0.0200 0.0200 0.0200 0.0200	ANALYTICAL LAB REV QUAL RESULT QUAL CODE  0.0200 U U	ANALYTICAL LAB REV QUAL RESULT  0.0200 U U	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE  0.0200 U U
PHENYL)- 0.0200 U 0.0200 U 0.0100 U				
PHENYL)- 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U PHENYL)- 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U				
HENYL)- 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U HENYL)- 0.0200 U 1221) 0.2000 U 1232) 0.2000 U 1248) 0.2000 U				
PHENYL.)- 0.0200 U 0.0200 U TE 0.0200 U 0.0200 U 0.1000 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 1.00 U 1.21) 0.2000 U 1.248) 0.2000 U				
HENYL)- 0.0200 U  "HENYL)- 0.0200 U  "HENYL)- 0.0200 U  "O.0200 U  "O.0200 U  "O.0200 U  "O.0200 U  "O.0200 U  "O.0200 U  "O.0100 U				
HENYL)- 0.0200 U  HENYL)- 0.0200 U  HENYL)- 0.0200 U  0.0200 U  0.0200 U  0.0200 U  0.0100 U  0.0100 U  1.00 U  1.00 U  1.221) 0.2000 U  1221) 0.2000 U  1232) 0.2000 U				
HENYL)- 0.0200 U 0.1000 U 0.1000 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 1.00 U 1.201 U 1.201 U 1.202 U 0.2000 U 1.221 O 0.2000 U 1.248 O 0.2000 U				
HENYL)- 0.0200 U 0.1000 U 0.0200 U 0.0200 U 0.0100 U 1.00 U 1221) 0.2000 U 1232) 0.2000 U 1248) 0.2000 U				
0.1000 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 1.00 U 1.221) 0.2000 U 1232) 0.2000 U 1242) 0.2000 U 1248) 0.2000 U				0.0200 U
0.0200 U 0.0200 U 0.0100 U 0.0100 U 1.00 U 1.00 U 1.221) 0.2000 U 1232) 0.2000 U 1248) 0.2000 U				U 0001.0
0.0200 U 0.0100 U 0.0100 U 1.00 U 1221) 0.2000 U 1232) 0.2000 U 1242) 0.2000 U 1248) 0.2000 U			0.0200 U	0.0200 U
0.0100 U 0.0100 U 1.00 U 1.221) 0.2000 U 1.232) 0.2000 U 1.242) 0.2000 U 1.248) 0.2000 U	n	0.0200 U U	0.0200 U	0.0200 U
1016) 0.0100 U 1.00 U 1221) 0.2000 U 1232) 0.2000 U 1242) 0.2000 U 1248) 0.2000 U		0.0100 U	0.0100 U	U 00.0100
1.00 U 0.2000 U 0.4000 U 0.2000 U 0.2000 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U
0.2000 U 0.4000 U 0.2000 U 0.2000 U 0.2000 U	1.00 U	1.00 U U	1.00 U	U 00 U
0.4000 U 0.2000 U 0.2000 U 0.2000 U	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U U
0.2000 U 0.2000 U 0.2000 U	0.4000 U U	0.4000 U	0.4000 U U	0.4000 U
0.2000 U 0.2000 U	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U
0.2000 U	0.2000 U U	0.2000 U	0.2000 U U	0.2000 U U
11 0000 0	0.2000 U U	0.2000 U	0.2000 U U	0.2000 U
PCB-1254 (AROCHLOR 1254) 0.2000 U	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U
PCB-1260 (AROCHLOR 1260) 0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U U

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Technical Inform

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

## GROUP J. Water Data for Methods 8151 and OL21P

OCDEN ID         WOIDMANE         WOISSA         WOISSD         WOISSD         WOISSD         WOISSD           Date Sampled         9/29/97         9/30/97         9/30/97         9/30/97         9/30/97         9/30/97           Deptin         Analyte         Available         RESULT         Qual.         Available         RESULT         Qual.         Available         P/30/97         P/30/97 </th <th>EPA NO</th> <th>WOIMME</th> <th>W01SSA</th> <th>W01SSD</th> <th>W01SSE</th> <th>W15DDA</th>	EPA NO	WOIMME	W01SSA	W01SSD	W01SSE	W15DDA
Page		WOIMME	W01SSA	W01SSD	WOISSE	W15DDA
67.1         AMALYTICAL IAB REV GOAL         RESULT GOAL GOAL GOAL GOAL GOAL GOAL GOAL GOAL		9/29/97	9/30/97	9/30/97	9/30/97	10/9/97
GG1)         AMALYTICAL JOAG GOAD          AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD         AMALYTICAL JOAG GOAD <th>Depth</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Depth					
2.30   U   U   C.30   U   U   C.400   U   U   U   C.400   U   U   U   U   U   U   U   U   U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE			
2.30 U U U 94.0 U U 96.000 U U 96.0 U 96.0 U 0 U 96.0 U 0 U 96.0 U	8151 (UGA)					
0.0900   U   0.0900   U   0   0.0900   U   U   94.0   U   0   94.0   U   U   94.0   U   U   95.0   U   U   95.0   U   U   U   U   95.0   U   U   U   U   U	DALAPON		UJ	m	2.30 U U	2.30 U UJ *4,Q
ROP         94.0 U         U         94.0 U         U         94.0 U         U         95.0 U         U         U         95.0 U         U         U         95.0 U         U         U         U         0.9600 U         U         U         0.9600 U         U         U         0.9600 U         U         U         0.9600 U         U         0.9600 U         U         U         0.9600 U         U         U         0.9600 U         U         0.1000	DICAMBA				U U 0060.0	U U 00000
PROP	MCPP				94.0 U U	94.0 U U
PROP  LOROPHENOXYACE  0.9400 U  U  0.9400 U  U  0.9400 U  U  0.1000 U  U  0.1000 U  U  0.1000 U  U  0.1000 U  U  0.9800 U  0  0.9800 U  U  0.9800 U  0  0.9800 U	MCPA				93.0 U U	93.0 U U
LOROPHENOXYACE 0.9400 U U 0.01000 U U 0.1000 U U 0.09800 U U 0.09800 U U 0.09800 U U 0.09800 U U 0.02800 U U 0.02800 U U 0.02800 U U 0.2800 U 0.2800 U U 0.2800 U 0.2800 U U 0.2800 U U 0.2800 U 0.2800 U U 0.2800 U 0.2800 U U 0.2800 U 0.2800 U 0.2800 U 0.2800 U 0.28	DICHLOROPROP				0.9400 U	0.9400 U
SHLOROPHENOXYAC 0.1000 U U 0.09800 U U 0.1000 U U 0.09800 U U 0.09900 U U U 0.09900 U U U 0.09900 U U	2,4-D (DICHLOROPHENOXYACE)	0.9400 U			0.9400 U	0.9400 U
CHLOROPHENOXYAC 0.1000 U U 0.09800 U U 0.9800 U U 0.09800 U U 0.02400 U U 0.09800 U U 0.00980 U U U 0.00980 U U U	SILVEX (2,4,5-TP)				0.1000 U	0.1000 U
0.9800 U U   0.9800 U U   0.9500 U	2,4,5-T (TRICHLOROPHENOXYA	0.1000 U			0.1000 U	0.1000 U
0.9500   U   0.9500   U   0   0.9500   U   0   0.9700   U   U   0.2400   U   U   0.2400   U   U   0.2800   U   U   0.2800   U   U   0.2800   U   U   0.2800   U   U   0.9400   U   U   0.9400   U   U   0.9400   U   U   0.9400   U   U   0.9500   U   U   U   U   U   U   U   U   U	DINOSEB		UJ	UJ	U U 0086.0	0.9800 U R *4,Q
DROPHENOL         0.2400 U         U         0.2400 U         U         0.2400 U         U         0.2400 U         U         4         0.2400 U         U         4         0.2400 U         U         4         0.2400 U         U         4         0.2800 U         U         0.2800	2,4 DB		U 0.9500 U		U U 0.9500	U 0.9500 U
ROBENZOIC ACID         0.2800 U         U         0.2800 U         U         4         0.2800 U         U         *4           SEN         2.00 U         U         0.9400 U         U         0.7500 U <t< td=""><td>PENTACHLOROPHENOL</td><td></td><td>_</td><td></td><td>0.2400 U U</td><td>0.2400 U U</td></t<>	PENTACHLOROPHENOL		_		0.2400 U U	0.2400 U U
ROBENZOIC ACID         0.9400 U         U         0.9400 U         U         0.9400 U         U           SEN         2.00 U         U         0.7500 U         U         0.7500 U         U         C         0.7600 U         U         C           EN         2.00 U         U         0.7500 U         U         0.7500 U         U         C         0.7600 U         U         C           EN         0.7500 U         U         0.7500 U         U         0.7500 U         U         C         0.7600 U         U         C           CALPHA HEXACHLO         0.0100 U         U         0	PICLORAM	0.2800 U U	m	n	0.2800 U U	0.2800 U R *4,Q
SEN         0.7500 U         U         0.7500 U         UJ         C         0.7600 U         UJ         C           EN         2.00 U         U         0.7500 U         UJ         C         2.00 U         UJ         C           EN         0.7500 U         U         0.7500 U         UJ         C         2.00 U         UJ         C           EN         0.7500 U         U         0.7500 U         UJ         C         0.7600 U         UJ         C           CALPHA HEXACHLO         0.0100 U         U         0.0100 U	3,5-DICHLOROBENZOIC ACID	0.9400 U U			0.9400 U U	0.9400 U
EN	CHLORAMBEN	U D 0.7500 U	n	UJ	0.7500 U	0.7500 U R *4,Q
EN 0.7500 U U 0.7500 U U U 0.0100 U U U 0.	BENTAZON	2.00 U U	m	n	2.00 U U	2.00 U U
E (ALPHA HEXACHLO 0.01000 U U 0.0100 U U U U 0	ACIFLUORFEN		U	UJ	0.7500 U U	0.7500 U R *4,Q
0.0100 U U U	OLZIP (UG/L)					
0.01000 U U 0.0100 U U 0.0100 U U 0.01000 U U 0.01000 U U 0.01000 U U 0.0100 U 0.0100 U U 0.0100 U U 0.0100 U 0.0	ALPHA BHC (ALPHA HEXACHLC				0.0100 U	U 0.0100 U
XACHLO         0.0100 U         U         0.0100 U         U         0.0100 U         U           0.0100 U         U         0.0100 U         U         0.0100 U         U           0.0100 U         U         0.0100 U         U         0.0100 U         U           0.0100 U         U         0.0100 U         U         0.0100 U         U	BETA BHC (BETA HEXACHLORC	0.0100 U			U U 00100	U 0.0100
0.01000 U U 0.01000 U 0.0100 U 0.0100 U 0.0100 U 0.01000 U 0.010	DELTA BHC (DELTA HEXACHLC	0.0100 U			0.0100 U	U 0.0100 U
0.0100 U U U 0.0100 U U U 0.0100 U U U 0.0100 U U U U 0.0100 U 0	GAMMA BHC (LINDANE)				0.0100 U	0.0100 U
U         U	HEPTACHLOR				U U 00100	0.0100 U
0.0100 U U 0.0100 U U U 0.0100 U U	ALDRIN				0.0100 U	U 0.0100 U
	HEPTACHLOR EPOXIDE				U U 00100	0.0100 U
ALPHA ENDOSULFAN         0.0100 U         U         0.0100 U         U         0.0100 U         U         0.0100 U         U	ALPHA ENDOSULFAN				U U 00100	0.0100 U

TAMMRASNAPSHOTAVALIDATD/98MAR01\GROUPJ.DB (1392 of 1392 records) 03/03/98 14:57.2 read by cshein

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Ogden Environmental and Energy Service

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP J: Water Data for Methods 8151 and OL21P

EPA NO	WOIMME	W01SSA	W01SSD	W01SSE	W15DDA
OGDEN ID	WOIMME	W01SSA	W01SSD	W01SSE	WISDDA
Date Sampled	76/56/97	9/30/97	9/30/97	9/30/97	10/6/61
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OL21P (UG/L) Continued					
DIELDRIN	0.0200 U	0.0200 U	0.0200 U U	0.0200 U	0.0200 U
DDE (1,1-BIS(CHLOROPHENYL)-	0.0200 U	0.0200 U	0.0200 U U	0.0200 U	0.0200 U
ENDRIN	0.0200 U	0.0200 U U	0.0200 U U	0.0200 U	0.0200 U
BETA ENDOSULFAN	0.0200 U U	0.0200 U  U	0.0200 U U	0.0200 U	0.0200 U
DDD (1,1-BIS(CHLOROPHENYL)-	- 0.0200 U	0.0200 U	0.0200 U U	0.0200 U	0.0200 U U
ENDOSULFAN SULFATE	0.0200 U	0.0200 U U	0.0200 U U	0.0200 U	0.0200 U U
DDT (1,1-BIS(CHLOROPHENYL)-	0.0200 U	0.0200 U U	0.0200 U	0.0200 U	0.0200 U U
METHOXYCILLOR	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
ENDRIN KETONE	0.0200 U	0.0200 U	0.0200 U U	0.0200 U U	0.0200 U
ENDRIN ALDEHYDE	0.0200 U	0.0200 U U	0.0200 U U	0.0200 U	0.0200 U
ALPHA-CHLORDANE	0.0100 U	U U 0.0100	U D 00100	0.0100 U	0.0100 U
GAMMA-CHILORDANE	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U
TOXAPHENE	1.00 U U	U U 00.1	1.00 U	1.00 U U	1.00 U
PCB-1016 (AROCHLOR 1016)	0.2000 U	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U
PCB-1221 (AROCHLOR 1221)	0.4000 U	0.4000 U	0.4000 U U	0.4000 U	0.4000 U U
PCB-1232 (AROCHLOR 1232)	0.2000 U	0.2000 U U	0.2000 U U	0.2000 U	0.2000 U U
PCB-1242 (AROCHLOR 1242)	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U	0.2000 U U
PCB-1248 (AROCHI,OR 1248)	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U	0.2000 U U
PCB-1254 (AROCHLOR 1254)	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U U
PCB-1260 (AROCHLOR 1260)	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U
T-VMMR\SNAPSHOTIVALIDATID\98MAR01\GROTIPIDB(1392 records) 03/03/98 14:57 2 read by cshein	MAROLGROUPI DB (1393	of 1392 records) 03/03/98 14	S7.2 read by cshein		OE
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05	SMAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2		Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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# GROUP J: Water Data for Methods 8151 and OL21P

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Out   District   Dis	EPA NO	W15SSA	W15SSE	W9506A	W9515A	W9515E
Total Carlo Carl	OGDEN ID	W15SSA	W15SSE	W9506A	W9515A	W9515E
A	Date Sampled	10/8/97	10/8/97	10/17/97	10/17/97	10/17/97
CGCA1 Continued         ANALTICAL LINE         REPUT POINT (COLD IN COLD IN C	Depth					
PHENYL)- 0.0200 U U 0.0200 U U 0.0300 U U 0.0300 U U 0.0200 U U 0.0200 U U 0.0300 U U 0.	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	LAB REV QUAL QUAL	CAB REV QUAL QUAL	LAB REV QUAL QUAL
PHENYL)- 0.0200 U U 0.0200 U U 0.0300 U U 0.	OL21P (UG/L) Continued					
	DIELDRIN				D	
	DDE (1,1-BIS(CHLOROPHENYL)				D	D
U       0.02000 U       U       0.02000 U         U       0.0100 U       U       0.0100 U         U       0.04000 U       U       0.2000 U         U       0.2000 U       U       0.2000 U	ENDRIN				ח	n
	BETA ENDOSULFAN				ח	n
	DDD (1,1-BIS(CHLOROPHENYL)	0.0200 U	D		n	D
	ENDOSULFAN SULFATE	Þ	n		D	n
	DDT (1,1-BIS(CIILOROPHENYL)	0.0200 U		n	n	n
	METHOXYCHLOR	D	n		D	n
	ENDRIN KETONE				n	D
	ENDRIN ALDEHYDE				ח	n
	ALPHA-CHLORDANE				ח	Þ
	GAMMA-CHI.ORDANE		D		D	ם
ממממממ	TOXAPHENE	ב	D		D	n
מממממ	PCB-1016 (AROCHLOR 1016)		2000 U		D	n
ממממ	PCB-1221 (AROCHLOR 1221)				D	
ממממ	PCB-1232 (AROCHLOR 1232)				ח	ם
מממ	PCB-1242 (AROCHLOR 1242)				n	n
חח	PCB-1248 (AROCHLOR 1248)				n	n
D	PCB-1254 (AROCHLOR 1254)				n	
	PCB-1260 (AROCHLOR 1260)				D	n
	T:MMR\SNAPSHOT\VALIDATD\9	8MAR01\GROUPJ DB (1392	of 1392 records) 03/03/98 14.	57.2 read by cshein		OE
(	T:\MMR\\SNAPSHOT\\\ALIDATD\9	8MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2		Ogden Environment	al and Energy Services
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				(		Info

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP J: Water Data for Methods 8151 and OL21P

NID   WCIOXA   WCIOXE   WCIO	WCSEXA	W.C. C. C.
107/97   1		WCOEXA
## PESULT GIALL CODE   U	10/6/97	10/3/97
GGJJ         ANALTITCAL LAIS BEVY GOAL         ANALTITCAL LAIS GOAL GOAL         ANALTITCAL LAIS BEVY GOAL         ANALTITCAL LAIS GOAL GOAL         ANALTITCAL LAIS GOAL GOAL         ANALTITCAL LAIS GOAL GOAL         ANALTITCAL LAIS GOAL GOAL GOAL GOAL GOAL GOAL GOAL GOAL		
2.30 U UJ *4,Q 2.30 U U U 95,0 U U U U 95,0 U U U 95,0 U U U 95,0 U U U 95,0 U U U U 95,0 U U	ODE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.30   U   44,Q   2.30   U   U   44,Q   95,0   U   U   U   U   U   U   U   U   U   U		
O.1000 U U   O.9500 U U   O.1000 U U   O.1000 U U   O.1000 U U   O.9500 U	*4 2.30 U UJ Q,*4	2.40 U UJ *4
95.0 U U 94.0 U U 99.0 U U 09.0 U U U 99.0 U U 09.0 U U U 99.0 U U U U U 99.0 U U U U 99.0 U U U U U 0 U 0 U U U U U U U U U U U	0.1000 U	0.1000 U
PROP  1. COROPHENOXYACE  1. O. S500 U  1. O. S500 U  1. O. O. S500 U  1. O. O. S500 U  1. O. O. S500 U  1. O	95.0 U	97.0 U
PROP   C.OROPHENOXYACE   C.O.SOO   U	94.0 U	U U 0.96
COROPHENOXYACE 0.9500 U U 0.1000 U U 0.9900 U U	U U 0.9500	U 0.9700 U
SHLOROPHENOXYAC 0.1000 U  U 0.	U U 0.9500	U 0.9700 U
HLOROPHENOXYAC  0.9900 U R *4,Q 0.9900 U U U U U 0.9900 U U U U 0.990	0.1000 U	0.1000 U
0.9900   U   V   0.9900   U   U   U   U   U   U   U   U   U   U	0.1000 U	0.1000 U
0.9600   U   U   0.2400   U   U   0.2800   U   U   U   U   U   U   U   U   U	C 0.9900 UJ C	1.00 U UJ C
DROPHENOL         0.2400 U         R         *4,Q         0.2400 U         U         0.2800 U         U         0.2600 U         U         0.2800 U         U         0.2600 U         U	U U 0096.0	U U 0086.0
ROBENZOIC ACID         0.2800 U         R         *4,Q         0.2800 U         U         0.2800 U         U           EN         0.7600 U         R         *4,Q         0.7600 U         U         0.7600 U	C 0.2400 U U	0.2500 U UJ C
ROBENZOIC ACID         0.9500 U         U         0.7600 U <td>0.2800 U R Q</td> <td>0.2900 U</td>	0.2800 U R Q	0.2900 U
EN  O.7600 U R *4,Q O.7600 U U  Z.00 U U  D.7600 U R *4,Q O.7600 U U  CALPHA HEXACHLO  O.0100 U U  O.0100	C 0.9500 UJ C	0.9700 U UJ C
EN  EN  0.7600 U R *4,Q 0.7600 U U 0.7600 U U 0.7600 U U C. CLINDANE)  C. CLINDANE)  0.0100 U U 0.0	C 0.7600 U R Q,*4	0.7700 U UJ C
EN  (ALPHA HEXACHLORO 0.0100 U U U U 0	2.00 U U	2.10 U U
CALPHA HEXACHLO   0.0100   U   0.0100   U   0.0100   U   U   U   0.0100   U   U   U   0.0100   U   U   U   U   U   U   U   U   U	C 0.7600 U U	0.7700 U UJ C
ACHLO 0.0100 U U U U		
ACHLORO 0.0100 U U U U	0.0100 U	0.0100 U
ACHLO 0.0100 U U	0.0100 U	0.0100 U
0.0100 U U U 0.0100 U U U U 0.0100 U U U U U U U U U U U U U U U U U U	0.0100 U	0.0100 U
U U 00100 U U 001000 U U 0001000 U U 0001000	0.0100 U	U 0.0100 U
U U 001000 U U 001000 U U 000100	0.0100 U	0.0100 U
	0.0100 U	0.0100 U
HEPTACHLOR EPOXIDE         0.0100 U         U         0.0100 U         U         0.0100 U         U         0.0100 U         U	0.0100 U	0.0100 U
ALPHA ENDOSULFAN         0.01000 U         U         0.01000 U         U         0.01000 U         U	0.0100 U	0.0100 U
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	Ogden Environmental and Energy Services	al and Energy Servic

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WCIUAA	WCIUAE			
OGDEN ID	WC10XA	WC10XE	WC11XA	WC5EXA	WC6EXA
Date Sampled	10/7/97	10/7/97	10/2/97	10/6/97	10/3/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OL21P (UGL) Continued					
DIELDRIN	0.0200 U U	0.0200 U	0.0200 U	0.0200 U U	0.0200 U U
DDE (1,1-BIS(CHLOROPHENYL)-	0.0200 U U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
ENDRIN	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
BETA ENDOSULFAN	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
DDD (1,1-BIS(CHLOROPHENYL)-	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U U
ENDOSULFAN SULFATE	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U U
DDT (1,1-BIS(CHLOROPHENYL)-	0.0200 U U	0.0200 U	0.0200 U	0.0200 U	0.0200 U U
METHOXYCHLOR	U 0001.0	0.1000 U	0.1000 U	0.1000 U	0.1000 U
ENDRIN KETONE	0.0200 U	0.0200 U	0.0200 U	0.0200 U U	0.0200 U
ENDRIN ALDEHYDE	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U U
ALPHA-CHLORDANE	0.0100 U	0.0100 U	0.0100 U	0.0100 U	U 0.0100
GAMMA-CHLORDANE	0.0100 U	0.0100 U	0.0100 U	U 0.0100	U 0.0100
TOXAPHENE	1.00 U U	1.00 U	1.00 U	1.00 U	1.00 U
PCB-1016 (AROCHLOR 1016)	0.2000 U U	0.2000 U	0.2000 U	0.2000 U	0.2000 U
PCB-1221 (AROCHLOR 1221)	0.4000 U	0.4000 U	0.4000 U	0.4000 U U	0.4000 U
PCB-1232 (AROCHLOR 1232)	0.2000 U	0.2000 U	0.2000 U	0.2000 U U	0.2000 U
PCB-1242 (AROCHLOR 1242)	0.2000 U	0.2000 U	0.2000 U	0.2000 U	0.2000 U
PCB-1248 (AROCHLOR 1248)	0.2000 U	0.2000 U U	0.2000 U	0.2000 U	0.2000 U U
PCB-1254 (AROCHLOR 1254)	0.2000 U	0.2000 U	0.2000 U	0.2000 U	0.2000 U
PCB-1260 (AROCHLOR 1260)	0.2000 U	0.2000 U U	0.2000 U U	0.2000 U U	0.2000 U
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPJ.DB (1392 of 1392 records) 03/0 T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC DB (1979 records) 03/05/98 15:05 2	MAROINGROUPLDB (1392)	2 of 1392 records) 03/03/98 14:57.2 read by cshein ords) 03/05/98 15:05.2	57.2 read by cshein	Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Died Sampled   1004979	EPA NO W	WC6EXD	WC6EXE	WC7CXA	WC/CXE	WC7EXA
107197   107197   11   11   11   12   12   13   14   15   15   15   15   15   15   15		7C6EXD	WC6EXE	WC7CXA	WC7CXE	WC7EXA
2.30 U U 2.30 U U 3.40 U 3.00 U 0 U 3.00 U U 3.00 U 0 U 3		7/3/97	10/3/97	10/7/97	10/6/97	10/8/97
2.30 U U 2.30 U U 3.40 U 2.30 U U 3.40 U 3.4	Depth					
2.30 U U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
2.30 U U	8151 (UGA.)					
1.1000 U U U 94.0 U U 95.0 U U 95.0 U U 95.0 U U 0 95.0	DALAPON	m	n	U UJ	2.30 U	D
96.0 U U U 94.0 U U 95.0 U U 95.0 U U 95.0 U U 05.0 U U 05.0 U U 05.0 U U 05.0 U U 05.0 U U U U U 05.0 U U U U U 05.0 U U	DICAMBA					n
95.0 U U U 0.9400 U U U 0.9400 U U U 0.9600 U U U 0.9400 U U U U 0.9400 U U U 0.1000 U U U 0.1000 U U U 0.9500	MCPP		ח	D		D
1.000 U U U 0.9400 U U U 0.1000 U U U 0.1000 U U U 0.9800 U R *4,Q 0.9400 U U 0.9800 U R *4,Q 0.9400 U U 0.9400 U U 0.9400 U U 0.9400 U U 0.9400 U U U 0.9400 U 0.9400 U 0.9400 U U 0.9400 U U 0.9400 U 0.9400 U U 0.9400	MCPA		ם	b	ם	ם
1.000 U U U 0.9400 U U U 0.1000 U U U 0.9800 U R *4,Q 0.2400 U U U 0.9800 U R *4,Q 0.9800 U U U 0.9800 U U 0.9900 U 0.9900 U 0.9900 U U	DICHLOROPROP			9400 U		
1.1000 U U U 0.1000 U U U 0.1000 U U U 0.1000 U U U 0.9800 U R *4,Q 0.2400 U U U 0.2400 U 0.2400 U 0.2400 U U	2,4-D (DICHLOROPHENOXYACE				ם	
1.1000 U U U 0.3800 U R *4,Q 0.3700 U U 0.3800 U R *4,Q 0.3800 U U 0.3900 U	SILVEX (2,4,5-TP)		n			
1.00 U U U 0.9800 U R *4,Q 0.2400 U U 0.2400 U U U 0.9400 U 0.9400 U U 0.9400 U	2,4,5-T (TRICHLOROPHENOXYAC					
1.2400 U U U 0.9500 U U U 0.2400 U U U 0.2400 U U U 0.2400 U U U 0.2400 U U U 0.2800 U R *4,Q 0.2600 U U 0.2500 U 0.2500 U U 0.2500 U	DINOSEB	n	D	×	U 0066.0	
1.2400 U U U 0.2400 U R *4,Q 0.2400 U U 0.2800 U R 4,Q 0.2800 U U 0.2800 U R *4,Q 0.2800 U U 0.2800 U U 0.2800 U R *4,Q 0.200 U U 0.2500 U R *4,Q 0.2500 U U 0.2500 U R *4,Q 0.2500 U U 0.2500 U	2,4 DB	1.00 U				
1.2800 U U U 0.2800 U U 0.2800 U U 0.2800 U U 0.2800 U U 0.2800 U U 0.0100 U U 0.01	PENTACHLOROPHENOL	n				
1.9600 U U U 0.9400 U U 0.5500 U R *4,Q 2.00 U U U 0.7500 U R *4,Q 2.00 U U U 0.7500 U R *4,Q 1.8800 U U U 0.7500 U R *4,Q 1.0100 U U U 0.0100	PICLORAM			×	0.2800 U	
2.00 U U U 2.00 U U U 2.00 U U U 3.8800 U U U 0.7500 U U U 0.0100 U U	3,5-DICHLOROBENZOIC ACID	M				
2.00 U U U 0.0.7500 U R *4,Q 0.0100 U U 0.07500 U R 0.07500 U R 0.0100 U U 0.	CHLORAMBEN	ī		×	0.7600 U	
1.8800 U U 0 0.7500 U R *4,Q 0.0100 U U 0.01	BENTAZON					
0.0100 U U	ACIFLUORFEN	m	n	~	0.7600 U	
0.0100 U U U 0.0100 U	OL21P (UGL)					
0.0100 U U U 0.0100 U 0.0100 U 0.0100 U U 0.0100	ALPHA BHC (ALPHA HEXACHLO					
0.0100 U U U 0.0100 U 0.0100 U 0.0100 U U 0.0100 U	BETA BHC (BETA HEXACHLORO					
0.0100 U U U 0.0100	DELTA BHC (DELTA HEXACHLO					
0.0100 U U 0 0.0100 U U U 0.0100 U 0.0100 U U 0.0100 U 0.01	GAMMA BHC (LINDANE)		-			
0.0100 U U U 0.0100 U U U 0.0100 U U U 0.0100 U U U U U U U U U U U U U U U U U U	HEPTACHLOR					
0.0100 U U U 0.0100	ALDRIN					
records) 03/03/98 14:57.2 read by cshein	HEPTACHLOR EPOXIDE					
records) 03/03/98 14:57.2 read by cshein	ALPHA ENDOSULFAN				n	
5/98 15:05.2	T-IMMRISNAPSHOTIVALIDATDI98M	AAROTIGROLIDI DIR (1397		S7 2 read by cshein		
5/98 15:05.2	AND THE PROPERTY OF THE PROPER			The read by contain	Ogden Environment	al and Energy Service
	TAMMKANAPSHOTAVALJDATDA98N/ <prg not="" selected="" table=""></prg>	MAROTYCOC.DB (1979 red	ords) 03/05/98 15:05.2			

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	WC6EXD	WC6EXE	WC7CXA	WC7CXE	WC7EXA
OGDEN ID	WC6EXD	WC6EXE	wc7cxA	WC7CXE	WC7EXA
Date Sampled	10/3/97	10/3/97	10/7/97	10/6/97	10/8/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OL21P (UG/L) Continued					
DIELDRIN	0.0200 U	0.0200 U U	0.0200 U U	0.0200 U U	0.0200 U U
DDE (1,1-BIS(CHLOROPHENYL)-	0.0200 U	0.0200 U U	0.0200 U	0.0200 U U	0.0200 U U
ENDRIN	0.0200 U U	0.0200 U U	0.0200 U	0.0200 U U	0.0200 U
BETA ENDOSULFAN	0.0200 U	0.0200 U	0.0200 U	0.0200 U U	0.0200 U U
DDD (1,1-BIS(CHLOROPHENYL)-	0.0200 U U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
ENDOSULFAN SULFATE	0.0200 U U	0.0200 U U	0.0200 U U	0.0200 U U	0.0200 U
DDT (1,1-BIS(CHLOROPHENYL)-	0.0200 U U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
METHOXYCHLOR	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
ENDRIN KETONE	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U U
ENDRIN ALDEHYDE	0.0200 U U	0.0200 U U	0.0200 U U	0.0200 U U	0.0200 U U
ALPHA-CHLORDANE	0.0100 U	0.0100 U	0.0100 U	U 0.0100 U	0.0100 U
GAMMA-CHI,ORDANE	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U
TOXAPHENE	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
PCB-1016 (AROCHLOR 1016)	0.2000 U	0.2000 U	0.2000 U	0.2000 U	0.2000 U
PCB-1221 (AROCHLOR 1221)	0.4000 U	0.4000 U U	0.4000 U U	0.4000 U U	0.4000 U
PCB-1232 (AROCHLOR 1232)	0.2000 U U	0.2000 U	0.2000 U	0.2000 U U	0.2000 U
PCB-1242 (AROCHLOR 1242)	0.2000 U U	0.2000 U U	0.2000 U	0.2000 U U	0.2000 U U
PCB-1248 (AROCHI,OR 1248)	0.2000 U U	0.2000 U U	0.2000 U	0.2000 U U	0.2000 U U
PCB-1254 (AROCHLOR 1254)	0.2000 U U	0.2000 U U	0.2000 U	0.2000 U U	0.2000 U U
PCB-1260 (AROCHLOR 1260)	0.2000 U U	0.2000 U	0.2000 U	0.2000 U U	0.2000 U
T.M. A. A. D. COLLOTT V. A. I. I.D. A. T. D. COLLO DO V. D. C. C. D.	OMAADAIYCDAM IDI DID (1303	201307 CO. 10 Land 10 CO. 10 C	273 2001 100 100		Ot
T:WMMR\SNAPSHOTIVALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05:2	8MAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2	27.2 Icau by callelli	Ogden Environment	Ogden Environmental and Energy Services
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					fon

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

T. WMR\SNAPSHOT\VALIDATD\98MAR01\GROUPJ.DB (1392 of 1392 records) 03/03/98 14:57.2 read by cshein

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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

OGDEN ID	The state of the s				
	WC9EXA	WC9EXE	WI,26XA	WI,26XD	WL26XE
Date Sampled	10/2/97	10/2/97	10/20/97	10/20/97	10/20/97
Depth			P TRY THE TANK OF		
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OL21P (UGL) Continued					
DIELDRIN	0.0200 U	0.0200 U U	0.0200 U R D	0.0200 U	0.0200 U
DDE (1,1-BIS(CHLOROPHENYL)-	0.0200 U	0.0200 U	0.0200 U R D	0.0200 U	0.0200 U
ENDRIN	0.0200 U	0.0200 U U	0.0200 U R D	0.0200 U	0.0200 U
BETA ENDOSULFAN	0.0200 U U	0.0200 U	0.0200 U R D	0.0200 U	0.0200 U U
DDD (1,1-BIS(CHLOROPHENYL)-	0.0200 U U	0.0200 U	0.0200 U R D	0.0200 U	0.0200 U
ENDOSULFAN SULFATE	0.0200 U	0.0200 U U	0.0200 U R D	0.0200 U	0.0200 U
DDT (1,1-BIS(CHLOROPHENYL)-	0.0200 U	0.0200 U	0.0200 U R D	0.0200 U	0.0200 U
METHOXYCHLOR	0.1000 U	0.1000 U	0.1100 U R D	0.1000 U	0.1000 U
ENDRIN KETONE	0.0200 U	0.0200 U	0.0200 U R D	0.0200 U U	0.0200 U
ENDRIN ALDEHYDE	0.0200 U	0.0200 U U	0.0200 U R D	0.0200 U	0.0200 U
ALPHA-CHLORDANE	0.0100 U	0.0100 U	0.0100 U R D	0.0100 U	U 0.0100
GAMMA-CHI, ORDANE	0.0100 U	0.0100 U	0.0100 U R D	0.0100 U	U 0.0100
TOXAPHENE	1.00 U	1.00 U U	1.10 U R D	1.00 U	1.00 U
PCB-1016 (AROCHLOR 1016)	0.2000 U U	0.2000 U U	0.2200 U R D	0.2000 U	0.2000 U U
PCB-1221 (AROCHLOR 1221)	0.4000 U	0.4000 U U	0.4300 U R D	0.4000 U	0.4000 U U
PCB-1232 (AROCHLOR 1232)	0.2000 U	0.2000 U U	0.2200 U R D	0.2000 U	0.2000 U U
PCB-1242 (AROCHLOR 1242)	0.2000 U U	0.2000 U	0.2200 U R D	0.2000 U	0.2000 U U
PCB-1248 (AROCHLOR 1248)	0.2000 U U	0.2000 U	0.2200 U R D	0.2000 U	0.2000 U
PCB-1254 (AROCHLOR 1254)	0.2000 U U	0.2000 U U	0.2200 U R D	0.2000 U	0.2000 U
PCB-1260 (AROCHLOR 1260)	0.2000 U	0.2000 U	0.2200 U R D	0.2000 U	0.2000 U
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

GROUP J: Water Data for Methods 8151 and OL21P
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Delta Sampled	N	LAB REV QUAL QUAL			
March   Marc	March   Marc	LAB REV QUAL QUAL			
ACT   A   A   A   A   A   A   A   A   A	A	LAB REV QUAL QUAL			
CATA         ANALTTCAL LAM BIRY QUAL	Columbration   Colu	QUAL QUAL			
2.30 U UJ  PROP  COROPHENOXYACE  36.0 U UJ  95.0 U UJ  95.0 U UJ  95.0 U UJ  0.1000 U U  UJ  HLOROPHENOXYACE  0.2400 U U  0.2600 U U  0.2600 U U  EN  CALPHA HEXACHLO  0.0100 U U  CALPHA HEXACHLO  0.0100 U U  CCANDANE)  0.0100 U U  0.0100 U U  OCANDANE)  0.0100 U U  OCANDANE)  0.0100 U U  OCANDANE  0.0100 U  OCANDANE  0.0100 U  OCANDANE  0.0100 U  OCANDANE  OCANDANE  OCANDANE  OCANDANE  OCA	records) 03/03/08 14 57.2 read by eshem		LAB REV QUAL QUAL	LAB REV QUAL QUAL	LAB
2.30 U U U U 96.0 U U 96.0 U U 96.0 U U U 95.0 U U U U 95.0 U U U U 95.0 U U U U U U U U U U U U U U U U U U U	records) 03/03/08 14 57.2 read by eshem				
ROP  COROPHENOXYACE  96.0 U  96.0 U  96.0 U  U  97.0 U  100 U  100 U  R  100 U  100 U  R  100 U  1	records) 03/03/08 14 57 2 read by cshein				
96.0   U   UJ	records) 03/03/08 14 57 2 read by cshein				
95.0   U   UJ	records) 03/03/98 14 57 2 read by cehein		-		
PROP  COROPHENOXYACE  0.9600 U  U  S-TP)  CHLOROPHENOXYAC  0.1000 U  U  O.2400 U  U  O.2400 U  U  O.2400 U  U  O.2800 U  R  O.2600 U  U  O.2800 U  R  COBENZOIC ACID  O.2600 U  U  COLPHA HEXACHLO  O.0100 U  U  COLINDANE)  O.0100 U  U  COLINDANE)  O.0100 U  U  OR  O.0100 U  U  OR  O.0100 U  U  OR  O.0100 U  U  OR  OR  O.0100 U  U  OR  OR  OR  OR  OR  OR  OR  OR  OR	records) 03/03/08 14:57.2 read by eshem				
COROPHENOXYACE 0.9600 U U 5-TP) CHLOROPHENOXYAC 0.1000 U U 1.00 U R 0.9700 U U 0.2400 U U 0.2800 U R 0.2800 U R 0.2800 U R 0.7600 U R EN EN CALPHA HEXACHLO 0.0100 U U	records) 0.3(0.3/08.14.57.2 read by eshem				
SHLOROPHENOXYAC 0.1000 U U U U U U U U U U U U U U U U U U	records) 03(03/08/14-57.2 read by eshem				
HLOROPHENOXYAC 0.1000 [U U R 0.9700 [U U U O.2400 [U U U O.2400 [U U U O.2400 [U U U O.2800 [U R 0.2800 [U R 0.2600 [U U U U O.2600 [U U U U U O.2600 [U U U U U U O.2600 [U U U U U U U U U O.2600 [U U U U U U U U U U U U U U U U U U	records) 03/03/08 14-57 2 read by eshein				
1.00   U   R	records) 03/03/08 14-57 2 read by eshein				
ROBENZOIC ACID 0.2400 U U 0.2800 U R 0.2800 U R 0.2800 U R 0.2600 U U U 0.2600 U R 0.7600 U U U U U U U U U U U U U U U U U U	records) 03/03/08 14:57 2 read by eshein				
O.2400   U   U	records) 03/03/98 14-57 2 read by cshein				
ROBENZOIC ACID 0.2800 U R EN 2.00 U U 2.00 U U EN 2.00 U U CALPHA HEXACHLO 0.0100 U U CALPHA HEXACHLO 0.0100 U U CALNDANE) 0.0100 U U CALNDANE 0.0100 U U	records) 03/03/08 14-57 2 read by exhein				
ROBENZOIC ACID         0.9600 U         U           EN         2.00 U         R           EN         0.7600 U         R           EN         0.7600 U         R           CALPHA HEXACHLO         0.0100 U         U           BETA HEXACHLORO         0.0100 U         U           CALINDANE)         0.0100 U         U           DR         0.0100 U         U           OR         0.0100 U         U           OR         0.0100 U         U           OR         0.0100 U         U           OR         0.0100 U         U           OSULFAN         0.0100 U         U	records) 03/03/08 14-57 2 read by exhein				
EN 0.7600 U R 2.00 U U EN 0.7600 U R (ALPHA HEXACHLO 0.0100 U U (DELTA HEXACHLO 0.0100 U U C (LINDANE) 0.0100 U U C (LINDANE) 0.0100 U U OR 0.0100 U U OR EPOXIDE 0.0100 U U OSULFAN 0.0100 U U	records) 03(03/08/14-57.2 read by eshein				
2.00 U U U  (ALPHA HEXACHLO 0.0100 U U  BETA HEXACHLORO 0.0100 U U  (CLINDANE) 0.0100 U U  CLINDANE) 0.0100 U U  OR EPOXIDE 0.0100 U U	records) 03/03/08 14-57 2 read by eshein				
EN 0.7600 U R  (ALPHA HEXACHLO 0.0100 U U  BETA HEXACHLORO 0.0100 U U  (DELTA HEXACHLO 0.0100 U U  C (LINDANE) 0.0100 U U  OR 0.0100 U U  OR 0.0100 U U  OR EPOXIDE 0.0100 U U  OSULFAN 0.0100 U U	records) 03/03/98 14-57 2 read by eshein				
(ALPHA HEXACHLO 0.0100 U BETA HEXACHLORO 0.0100 U (DELTA HEXACHLO 0.0100 U C (LINDANE) 0.0100 U OR 0.0100 U OR EPOXIDE 0.0100 U OSULFAN 0.0100 U	records) 03/03/98 14-57 2 read by eshein				
XACHLO 0.0100 U CHLORO 0.0100 U XACHLO 0.0100 U 0.0100 U 0.0100 U 0.0100 U 0.0100 U 0.0100 U	records) 03/03/08 14-57 2 read by eshein				
CHLORO 0.0100 U  XACHLO 0.0100 U  0.0100 U  0.0100 U  0.0100 U  0.0100 U  0.0100 U	records) 03/03/08/14-57 2 read by eshein				
XACHLO 0.0100 U	records) 03/03/08 14-57 2 read by eshein				
0.0100 U 0.0100 U 0.0100 U 0.0100 U	records) 03/03/08 14:57 2 read by eshein				
0.0100 U 0.0100 U 0.0100 U 0.0100 U	records) 03/03/08 14-57 2 read by eshein				
0.0100 U 0.0100 U 0.0100 U	records) 03/03/08 14-57 2 read by eshein				
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	records) 03/03/98 14:57 2 read by eshein				
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPJ.DB (1392 of 1392		<u> </u>	392 records) 03/03/98 14:57.2		392 records) 03/03/98 14:57.2 read by cshem Ogden Environmental and 03/05/98 15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

NID   WI.3.XA	NEAD   WLAINA   Mainted   1021/97   Mainted   10200   U   U   Mainted   10200	TECA LAN GIVAL.  TECA LAN GIVEN	NED   WL31XA   ML51F7	EPA NO	WL31XA	c.		¢.	
Machine	## ANALTHON LONG TO BE STATE OF THE PARTY OF	Machine   Mach	March   Marc		WL31XA				And the second s
A	The continued   The continue	A	Comparison		10/21/97				
Central Continued         ANALTTCAL JAM SETUT (QUAL CODE)         ANALTTCAL JAM SETUT (QUAL CO	CUGIJ Continued         ANALTICAL JAM BENY GOAD         RESULT GOAD GOAD         ANALTICAL JAM BENY GOAD GOAD         ANALTICAL JAM BENY GOAD GOAD         ANALTICAL JAM GOAD GOAD         ANALTICAL JAM GOAD GOAD         ANALTICAL JAM GOAD GOAD GOAD GOAD GOAD GOAD GOAD GOAD	Continued         ANALTTRAL LAM BET   QUAL   GOAD   GO	CCTJ Continued  OCCJ Continued	ypth					
PHENYL.)— 0.0200 U 0.0200 U 0.0100 U 0.	PHENYL.)- 0.0200 U 0.0200 U 0.0100 U	PHENYL.)- 0.0200 U	PHENYL)- 0.0200 U U U U U 0.0200 U U U U U U U U U U U U U U U U U U	ethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	QUAL QUAL	QUAL QUAL	LAB
PHENYL)- 0.0200 U 0.0100 U	PHENYL)- 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 0.0200 U 0.0100 U 0.0200 U 0.0100 U 0.0100 U 0.0200 U 0.0100 U	PHENYL)- 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 0.0100 U 0.0100 U 0.0100 U 0.0200 U 0.0100 U	PHENYL)- 0.0200 U U U U U U U U U U U U U U U U U U	7.21P (UG/L) Continued					
0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 0.0100 U 0.000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 0.0000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 0.000 U 0.2000 U 0.2000 U 0.2000 U		DIELDRIN					
0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 0.0100 U 0.000 U 0.000 U 0.000 U 0.000 U	0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		ODE (1,1-BIS(CHLOROPHENYL)-					
0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0200 U 0.1000 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		ENDRIN					
. 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		BETA ENDOSULFAN					
0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.1000 U 0.0200 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		DDD (1,1-BIS(CHLOROPHENYL)	0.0200 U				
0.0200 U 0.1000 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.1000 U 0.0200 U 0.0200 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.1000 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		ENDOSULFAN SULFATE					
0.1000 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.1000 U 0.0200 U 0.0200 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.1000 U 0.0200 U 0.0200 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		ODT (1,1-BIS(CHLOROPHENYL)-					
0.0200 U 0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0200 U 0.0100 U 1.00 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		METHOXYCHLOR					
0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0200 U 0.0100 U 0.0100 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		ENDRIN KETONE					
0.0100 U 0.0100 U 1.00 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0100 U 0.0100 U 1.00 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0100 U 0.0100 U 1.00 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		ENDRIN ALDEHYDE					
0.0100 U 1.00 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0100 U 1.00 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.0100 U 1.00 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		ALPHA-CHLORDANE					
1.00 U 0.2000 U 0.4000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	1.00 U 0.2000 U 0.4000 U 0.2000 U 0.2000 U 0.2000 U	1.00 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		3AMIMA-CHLORDANE					
0.2000 U 0.4000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.2000 U 0.4000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.2000 U 0.4000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		TOXAPHENE					
0.4000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.4000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.4000 U 0.2000 U 0.2000 U 0.2000 U 0.2000 U		PCB-1016 (AROCHLOR 1016)					
0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.2000 U 0.2000 U 0.2000 U 0.2000 U		PCB-1221 (AROCHLOR 1221)					-
0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.2000 U 0.2000 U 0.2000 U 0.2000 U	0.2000 U 0.2000 U 0.2000 U		PCB-1232 (AROCHLOR 1232)					
0.2000 U 0.2000 U 0.2000 U	0.2000 U 0.2000 U 0.2000 U	0.2000 U 0.2000 U 0.2000 U		<sup>5</sup> CB-1242 (AROCHLOR 1242)					
0.2000 U 0.2000 U	0.2000 U 0.2000 U	0.2000 U 0.2000 U		PCB-1248 (AROCHLOR 1248)					
0.2000 U	0.2000 U	0.2000 U		PCB-1254 (AROCHLOR 1254)					
				PCB-1260 (AROCHLOR 1260)					
03/98 14:57.2 read by cshein	03/98 14:57.2 read by cshein	03/98 14.3 / . 2 read by csnein		RG table not selected>					
ALIDATD\98MAR01\GROUPJ.DB (1392 of 1392 records) 03/03/98 14:57.2 read by cshein ALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPJ.DB (1392 of 1392 records) 03/03/98 14:57.2 read by cshein  Ogden Environmental and Energy Services  CPRG table not selected>	ALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2		The state of the s		1	4		





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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

#### **GROUP K: Water Data for Method 8330**

EPA NO C	G00DCA	G02DAA	G02DBA	G02DCA	G02DDA
OGDEN ID	GOODCA	G02DAA	G02DBA	G02DCA	G02DDA
Date Sampled	10/16/97	10/16/97	10/16/97	10/16/97	10/16/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UGL)					
OCTAHYDRO-1,3,5,7-TETRANITR	R 2.90	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
HEXAHYDRO-1,3,5-TRINITRO-1,3	3 2.50	0.2500 U	0.2500 U U	0.2500 U U	09.9
1,3,5-TRINITROBENZENE	4.10	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
1,3-DINITROBENZENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
TETRYL	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
NITROBENZENE	2.30	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
2,4,6-TRINITROTOLUENE	2.30 J *9	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
4-AMINO-2,6-DINITROTOLUENE	1.10	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
2-AMINO-4,6-DINITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
2,6-DINITROTOLUENE	6.50	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U
2,4-DINITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U
PICRIC ACID	0.2500 U UJ *4				
2-NITROTOLUENE	2.90	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
4-NITROTOLUENE	2.00	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U
3-NITROTOLUENE	0.2500 U U				
2,6-DIAMINO-4-NITROTOLUENE	0.5000 U	0.5000 U	0.5000 U	0.5000 U U	0.5000 U U
2,4-DIAMINO-6-NITORTOLUENE	0.2500 U U				
PENTAERYTHRITOL TETRANITR	3 44.0	U 0.01	10.0 U U	10.0 U	10.0 U U
0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -					

TAMMRASNAPSHOTAVALIDATIN98MAR01/GROUPK. DI3 (1152 of 1152 records) 03/03/98 15 09.2 read by cshein T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO G	G02DEA	G02DFA	G02DGA	G02DHA	G02DIA
OGDEN ID	G02DEA	G02DFA	G02DGA	G02DHA	G02DIA
Date Sampled	10/17/97	10/17/97	10/17/97	10/20/97	10/20/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I.AB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UGL)					
OCTAHYDRO-1,3,5,7-TETRANITR	t 0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
HEXAHYDRO-1,3,5-TRINITRO-1,3	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
1,3,5-TRINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
1,3-DINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
TETRYL	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
NITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
2,4,6-TRINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
4-AMINO-2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
2-AMINO-4,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
2,4-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
PICRIC ACID	0.2500 U UJ *4	0.2500 U UJ *4	0.2500 U UJ *4	0.2500 U UJ *4	0.2500 U UJ *4
2-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U
4-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U
3-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
2,6-DIAMINO-4-NITROTOLUENE	0.5000 U	0.5000 U U	0.5000 U	0.5000 U	0.5000 U
2,4-DIAMINO-6-NITORTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
PENTAERYTHRITOL TETRANITR	U 0.0 U	10.0 U	10.0 U	10.0 U	10.0 U
T.MMMR\SNAPSHOT\VALIDATD\98MAR01\GROUPK.DB (1152 of 1152 records) 03/03/98 15:09.2 read by cshein	MAR01/GROUPK DB (115	2 of 1152 records) 03/03/98 15	:09.2 read by cshein	Oaden Environment	al and Energy Services
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\\COC.DB (1979 records) 03.	MAR01\COC.DB (1979 rec	ords) 03/05/98 15:05.2			Techr
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	G02DJA	G02DKA	G02DKD	G02DLA	G08DAA
OGDEN ID	G02DJA	G02DKA	G02DKD	G02DLA	G08DAA
Date Sampled	10/20/97	10/20/97	10/20/97	10/20/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UG/L)					
OCTAHYDRO-1,3,5,7-TETRANITR	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U
HEXAHYDRO-1,3,5-TRINITRO-1,3	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	1.10 J S,*9
1,3,5-TRINITROBENZENE	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U U
1,3-DINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U
TETRYL	0.2500 U U	0.2500 U	0.2500 U	0.2500 U	0.2500 U
NITROBENZENE	0.2500 U U	0.2500 U	0.2500 U	0.2500 U	0.4400 J S
2,4,6-TRINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U
4-AMINO-2,6-DINITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	3.10 NJ S,*8,*9
2-AMINO-4,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U
2,6-DINITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
2,4-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	1.10 NJ S,*8,*9
PICRIC ACID	0.2500 U UJ *4	0.2500 U UJ *4	0.2500 U UJ *4	0.2500 U UJ *4	2.00 J S,*4
2-NITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U
4-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U U
3-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U
2,6-DIAMINO-4-NITROTOLUENE	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U U
2,4-DIAMINO-6-NITOR TOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U	0.8000 NJ S, *8, *9
PENTAERYTHRITOL TETRANITR	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
T:\MMR\SNAPSHOT\VALIDATD\98\MAR01\GROUPK.DB (1152 of 1152	MAR01/GROUPK.DB (115)	2 of 1152 records) 03/03/98 15:09.2 read by cshein	.09.2 read by cshein	Orden Purineamont	OELOG STORY
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2		Ogucii Environiment	Section of the sectio
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					for

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO GIO	G16DAA	G16DCA	G16DDA	G16DEA	G16DFA
OGDEN ID G10	G16DAA	GI6DCA	G16DDA	G16DEA	G16DFA
Date Sampled 10/	10/6/97	10/6/97	10/9/01	10/6/97	10/6/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UG/L)					
OCTAHYDRO-1,3,5,7-TETRANITR	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
HEXAHYDRO-1,3,5-TRINITRO-1,3	0.2500 U U	0.2500 U	0.2500 U	0.2500 U U	0.2500 U
1,3,5-TRINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U
1,3-DINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U
TETRYL	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U
NITROBENZENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
2,4,6-TRINITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U	0.2500 U U	0.2500 U U
4-AMINO-2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U
2-AMINO-4,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U U
2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
2,4-DINITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
PICRIC ACID	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U UJ *4
2-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
4-NITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U
3-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U U
2,6-DIAMINO-4-NITROTOLUENE	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U U
2,4-DIAMINO-6-NITORTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U
PENTAERYTHRITOL TETRANITR	10.0 U UJ C	10.0 U UJ C	10.0 U UJ C	10.0 U UJ C	10.0 U UJ C
1:MMMK/SNAPSHOT/VALIDATD/98MAR01/GROUPK.DB (1152 of 1152 records) 03/CT:MMMR/SNAPSHOT/VALIDATD/98MAR01/COC.DB (1979 records) 03/05/98 15:05.2	AR01\GROUPK.DB (115) AR01\COC.DB (1979 reco	; of 1152 records) 03/03/98 15:09.2 read by eshem ords) 03/05/98 15:05.2	:09.2 read by cshein	Ogden Environment	Ogden Environmental and Energy Services
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Validated MMR Data, period 9-Feb-98 to 1-Mar-98

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GROUP K: Water Data for Method 8330

Colonesy   Decembed   Colonesy	EPA NO G	G16DGA	GI6DHA	GIODIA	GloDJA	GloDKA
1007197   1007		316DGA	G16DHA	G16DIA	G16DJA	G16DKA
defector         AMALYTICAL LAN         RESULT         GOAD         AMALYTICAL LAN         RESULT         GOAD         AMALYTICAL LAN         RESULT         GOAD         AMALYTICAL LAN         RESULT         GOAD         COAD		10/6/97	10/7/97	10/7/97	10/7/97	10/8/97
V. QUAL RESULT QUAL GODE  0.2500 U U 0.2500	Depth					
0.2500 U U 0.2500 U U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL IAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
0.2500 U U U 0.2500	8330 (UG/L)					
0.2500 U U U 0.2500 U U 0.250	OCTAHYDRO-1,3,5,7-TETRANITR	0.2500 U				0.2500 U U
0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U U	HEXAHYDRO-1,3,5-TRINITRO-1,3	0.2500 U				0.2500 U
0.2500 U U U 0.2500 U U U 0.2500 U U U U 0.2500 U U U U 0.2500 U U	1,3,5-TRINITROBENZENE					0.2500 U
0.2500 U U U 0.2500 U U U 0.2500 U U U U 0.2500 U U U U 0.2500 U 0.2500 U U 0.2500 U 0.2500 U U 0.2500 U U 0.2500 U 0.250	1,3-DINITROBENZENE				n	0.2500 U U
0.2500 U U U 0.2500 U 0.2500 U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U	TETRYL			n	n	0.2500 U U
0.2500 U U U 0.2500 U 0.2500 U U 0.2500	NITROBENZENE					0.2500 U U
0.2500 U U U 0.2500 U U U 0.2500 U U U U 0.2500 U U U U 0.2500 U 0.2500 U 0.2500 U U 0.250	2,4,6-TRINITROTOLUENE					0.2500 U U
0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U 0 U 0.250	4-AMINO-2,6-DINITROTOLUENE		ח		·	0.2500 U U
0.2500 U U U 0.2500 U U U 0.2500 U U U U 0.2500 U 0 U 0.2500 U 0 U 0.2500 U	2-AMINO-4,6-DINITROTOLUENE		D	n		0.2500 U
0.2500 U UJ *4 0.2500 U UJ *4 0.2500 U U 0.2	2,6-DINITROTOLUENE					0.2500 U U
J *4 0.2500 U UJ *4 0.2500 U U U	2,4-DINITROTOLUENE	0.2500 U U				0.2500 U
0.2500 U U U 0.2500 U U 0.2500 U U U U U U U U U U U U U U U U U U	PICRIC ACID	U	M	n	m	0.2500 U UJ *4
0.2500 U U 0.2500 U 0.2500 U U 0.2500 U	2-NITROTOLUENE			D	n	0.2500 U U
0.2500 U U 0.5000 U U 0.2500 U U 0.2500 U U U 0.2500 U U U UJ C 10.0 U UJ C 19.0 L cad by cshein	4-NITROTOLUENE			n		0.2500 U U
0.5000 U U 0.2500 U U U 0.2500 U U U U U U U U U U U U U U U U U U	3-NITROTOLUENE				ח	0.2500 U U
0.2500 U UJ C 10.0 V UJ C 37/98 15:09.2 read by cshein	2,6-DIAMINO-4-NITROTOLUENE				ח	0.5000 U
J C 10.0 U UJ C	2,4-DIAMINO-6-NITORTOLUENE		n			0.2500 U
33/98 15:09.2 read by cshein	PENTAERYTHRITOL TETRANITR	10.0 U UJ	u u	u ui	u u	10.0 U UJ C
33/98 15:09.2 read by cshein						
33/98 15:09.2 read by cshein						
03/98 15:09.2 read by cshein						
33/98 15:09.2 read by cshein						
03/98 15:09.2 read by cshein						
	T:WMR\SNAPSHOT\VALIDATD\98\	MAROLYGROUPK, DIS (115) MAROLYCOC DB (1979, reco	2 of 1152 records) 03/03/98 15	:09.2 read by cshein	Ogden Environment	tal and Energy Service
		MANANCOC.DD (1717) ICA	0143) 03/03/28 13:03:2			

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	G16DLA	G16DMA	GI6DNA	G16DOA	G16DPA
OGDEN ID	G16DLA	G16DMA	G16DNA	G16DOA	G16DPA
Date Sampled	10/8/97	10/8/97	26/6/01	10/10/97	10/10/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UGA.)					
OCTAHYDRO-1,3,5,7-TETRANITR		0.2500 U U	0.2500 U U		0.2500 U U
HEXAHYDRO-1,3,5-TRINITRO-1,3	0.2500 U U				
1,3,5-TRINITROBENZENE	0.2500 U U				
1,3-DINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
TETRYL	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U
NITROBENZENE	0.2500 U U	0.2500 U	0.2500 U  U	0.2500 U	0.2500 U U
2,4,6-TRINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U
4-AMINO-2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U
2-AMINO-4,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
2,4-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
PICRIC ACID	0.2500 U UJ *4	0.2500 U UJ *4	0.5400 J *4	0.2500 U UJ *4	0.2500 U UJ *4
2-NITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U
4-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
3-NITROTOLUENE	0.2500 U · U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
2,6-DIAMINO-4-NITROTOLUENE	0.5000 U				
2,4-DIAMINO-6-NITORTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
PENTAERYTHRITOL TETRANITR	10.0 U UJ C				
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPK.DB (1152 of 1152 records) 03/03/98 15:09.2 read by cshein	MAR01\GROUPK.DB (1152	of 1152 records) 03/03/98 15	09.2 read by cshein		OE
T:\MMR\SNAPSHOT\VALIDATD\98\MAR01\COC.DB (1979 records) 03	MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2		Oguen Environment	Techro Solo Maria India
<prg not="" selected="" table=""></prg>			0		ucal Infor

Thu Mar 05 15:15 1998 Page 7 of 13

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO G	G16DQA	G27DAA	S02DCE	S08DCE	S16DAE
OGDEN ID	G16DQA	G27DAA	S02DCE	S08DCE	S16DAE
Date Sampled	10/14/97	10/1/97	10/9/97	10/1/97	9/30/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UG/L)					
OCTAHYDRO-1,3,5,7-TETRANITR	2 0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
HEXAHYDRO-1,3,5-TRINITRO-1,3	3 0.2500 U U	0.3000 J *9	0.2500 U U	0.2500 U U	0.2500 U U
1,3,5-TRINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
1,3-DINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
TETRYL	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
NITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
2,4,6-TRINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U  U
4-AMINO-2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
2-AMINO-4,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
2,4-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U
PICRIC ACID	0.2500 U UJ *4	0.2500 U UJ *4	0.2500 U U	0.2500 U	0.2500 U U
2-NITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
4-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
3-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
2,6-DIAMINO-4-NITROTOLUENE	0.5000 U	0.5000 U U	0.5000 U U	0.5000 U	0.5000 U U
2,4-DIAMINO-6-NITORTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
PENTAERYTHRITOL TETRANITR	U 0.01	10.0 U UJ C	10.0 U	10.0 U	10.0 U
TOUGHT ACT TA WELLOUISE A SECTION OF A SECTI	FALLY OR VITTO COLLOCA N.	at 1157 canada) 03/03/00 14	COO 3 cond by cohons		01

T:\MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPK.DB (1152 of 1152 records) 03/03/98 15:09.2 read by cshein

TAMMRASNAPSHOTAVALIDATDA98MAR014COC.DB (1979 records) 03/05/98 15:05.2

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Columbia	EPA NO S27DCE	Ħ	WOIDDA	WOIMMA	WOIMME	WOISSA
### Property   1006/97   101/1077		Ħ	W01DDA	WOIMMA	WOIMME	W01SSA
Address		1	10/1/97	9/29/97	9/29/97	9/30/97
Columbia	Depth					
Recol. 3.5.7-TETRANITR   0.2500   U   0.2500   U   0.2500   U   0.2500   U   U   0.2500	e	ALYTICAL LAB REV QUAL ESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
0.2500 U U 4.60 0.2500 U U 4.60 0.2500 U U 0 0.2500 U U 0.2500 U						
0.2500 U U 0 0.2500 U U 0.2500 U				2500 U		0.5900
0.2500 U U U 0.2500 U U 0.2500 U U 0.2500 U U U U 0.2500 U U U U 0.2500 U U U				4.60		2.50
0.2500 U U U 0.2500 U					n	0.2500 U U
0.2500 U U						0.2500 U U
0.2500 U U					n	0.2500 U U
0.2500 U U U 0.2500 U U 0.2500 U						0.2500 U U
0.2500 U U						0.2500 U U
0.2500 U U U U 0.2						0.2500 U U
0.2500 U U						0.2500 U U
0.2500 U UJ *4 0.2500 U UJ Q 0.2500 U UJ 0.2500 U UJ Q 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 10.0 U 0.2500 U U 10.0 U 0.2500 U U 0.2500 U U 0.2500 U U U 0.2500 U U 0.2500 U U 0.2500 U U U 0.2500 U U 0.2500 U U U 0.2500 U U 0.2500 U U U 0.2500 U U U						0.2500 U U
0.2500 U UJ *4 0.2500 U UJ Q 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 10.0 U U 0.2500 U U	_				b	0.2500 U U
0.2500 U U 10.0 U 10			n	m		0.2500 U UJ *4
0.2500 U U 0.2500 U						0.2500 U U
0.2500 U U 0.2500 U U 0.5000 U U 0.2500 U U 0.2500 U U 0.2500 U U 0.2500 U U 10.0 U 10						0.2500 U U
0.5000 U U 0.2500 U U 0.2500 U U 0.2500 U U 10.0 U U 10.0 U U U 10.0 U U 10.0 U U U 10.0 U U U U U 10.0 U U U U U U U U U U U U U U U U U U						0.2500 U
0.2500 U U 10.0						0.5000 U
10.0 U U 10.0 U U U 2						0.2500 U U
2 records) 03/03/98 15:09.2 read by cshein 05/98 15:05.2	PENTAERYTHRITOL TETRANITR		n		b	\$4. U +,\$
2 records) 03/03/98 15:09.2 read by cshein 05/98 15:05.2						
2 records) 03/03/98 15:09.2 read by cshein 05/98 15:05.2						
03/98 13:03:2	T:MMR\SNAPSHOT\VALIDATD\98MAR0	01\GROUPK.DB (115)	2 of 1152 records) 03/03/98 15	:09.2 read by cshein	Ogden Environment	tal and Energy Servic
	I. WINIK SINAL SHOT VALIDAT DYSINIAKO	JI NCOC. IJB (1979 red	ords) U3/U3/U8/U8/U8/U8/U8/U8/U8/U8/U8/U8/U8/U8/U8/			
<pku lable="" not="" self-cled=""></pku>				A		

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO W	OGDEN ID W	Date Sampled 9/	Depth	Method Analyte	8330 (UG/L)	OCTAHYDRO-1,3,5,7-TETRANITR	HEXAHYDRO-1,3,5-TRINITRO-1,3	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NTIROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITORTOLUENE	PENTAERYTHRITOL TETRANITR
W01SSD	W01SSD	9/30/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.5300	2.40	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U UJ *4	0.2500 U U	0.2500 U U	0.2500 U U	0.5000 U	0.2500 U U	51.0 U +,\$
W01SSE	W01SSE	9/30/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.2500 U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U	U 0.5000 U	0.2500 U	10.0 U
W15DDA	W15DDA	10/9/97		ANALYTICAL LAB REV QUAL RESULT QUAL CODE		0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U UJ *4,Q	0.2500 U	0.2500 U U	0.2500 U U	0.5000 U	0.2500 U U	10.0 U UJ C
W15SSA	W15SSA	10/8/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U UJ *4	0.2500 U U	0.2500 U U	0.2500 U U	U 00005.0	0.2500 U U	10.0 U UJ C
W15SSE	W15SSE	10/8/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.5000 U	0.2500 U U	10.0 U

TAMMRASNAPSHOTAVALIDATD\98MAR01\GROUPK.DB (1152 of 1152 records) 03/03/98 15:09.2 read by cshein T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Ogden Environmental and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO	W9506A	W9515A	W9515E	WC10XA	WC10XE
OGDEN ID	W9506A	W9515A	W9515E	WC10XA	WC10XE
Date Sampled	10/17/97	10/17/97	10/17/97	10/7/97	10/7/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UGL)					
OCTAHYDRO-1,3,5,7-TETRANITR	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
HEXAHYDRO-1,3,5-TRINITRO-1,3	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
1,3,5-TRINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
1,3-DINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
TETRYL	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
NITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
2,4,6-TRINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
4-AMINO-2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
2-AMINO-4,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U
2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
2,4-DINITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
PICRIC ACID	0.2500 U UJ *4	0.2500 U UJ *4	0.2500 U U	0.2500 U UJ *4	0.2500 U
2-NITROTOLUENE	0.2500 U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U
4-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U
3-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
2,6-DIAMINO-4-NITROTOLUENE	0.5000 U	0.5000 U U	0.5000 U U	0.5000 U	0.5000 U
2,4-DIAMINO-6-NITORTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
PENTAERYTHRITOL TETRANITR	10.0 U	10.0 U	10.0 U	10.0 U UJ C	10.0 U
T:MMR\SNAPSHOT\VALIDATD\98MAR01\GROUPK DB (1152 of 1152 records) 03/03/98 15:09.2 read by cshein	MAROTIGROUPK DB (115)	of 1152 records) 03/03/98 15	09 2 read by cshein		
T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2	MAR01\COC.DB (1979 reco	ords) 03/05/98 15:05.2		Ogden Environment	Ogden Environmental and Energy Services
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					i don

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

				LAB REV QUAL QUAL QUAL CODE		n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	U			
WC6EXE	WC6EXE	10/3/97		ANALYTICAL LAB R RESULT QUAL Q		0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.5000 U	0.2500 U	10.0 U			
WC6EXD	WC6EXD	10/3/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.2500 U U	1.10	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.5000 U	0.2500 U U	10.0 U			
WC6EXA	WC6EXA	10/3/97		ANALYTICAL LAB REV QUAL RESULT QUAL CODE		0.2500 U U	1.20	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.5000 U	0.2500 U U	10.0 U			
WC5EXA	WC5EXA	10/6/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U UJ *4,Q	0.2500 U U	0.2500 U U	0.2500 U U	0.5000 U U	0.2500 U U	10.0 U UJ C			
WCIIXA	WC11XA	10/2/97		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		t 0.2500 U U	0.9600	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U UJ *4	0.2500 U U	0.2500 U U	0.2500 U U	0.5000 U U	0.2500 U U	U U 0.01			
EPA NO W	OGDEN ID	Date Sampled	Depth	Method Analyte	8330 (UG/L)	OCTAHYDRO-1,3,5,7-TETRANITR	HEXAHYDRO-1,3,5-TRINITRO-1,3	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITORTOLUENE	PENTAERYTHRITOL TETRANITR			

F.WMR\SNAPSHOT\VALIDATD\98MAR01\GROUPK.DB (1152 of 1152 records) 03/03/98 15:09.2 read by cshein F:WMMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/05/98 15:05.2

Ogden Environmental and Energy Services

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

EPA NO V	WC7CXA	WC7CXE	WC7EXA	WC9EXA	WC9EXE
OGDEN ID	WC7CXA	WC7CXE	WC7EXA	WC9EXA	WC9EXE
Date Sampled	10/1/97	10/9/01	10/8/97	10/2/97	10/2/97
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL IAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL I.AB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330 (UG/L)					
OCTAHYDRO-1,3,5,7-TETRANITR	R 0.2500 U	0.2500 U U	0.2500 U U	3.20	0.2500 U
HEXAHYDRO-1,3,5-TRINITRO-1,3	3 0.2500 U U	0.2500 U U	0.2500 U U	7.70	0.2500 U U
1,3,5-TRINITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
1,3-DINITROBENZENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U
TETRYL	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
NITROBENZENE	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U U
2,4,6-TRINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
4-AMINO-2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
2-AMINO-4,6-DINITROTOLUENE	0.2500 U U	0.2500 U	0.2500 U U	0.2500 U	0.2500 U
2,6-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
2,4-DINITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
PICRIC ACID	0.2500 U UJ *4	0.2500 U U	0.2500 U  UJ *4	0.2500 U UJ *4	0.2500 U U
2-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
4-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U U
3-NITROTOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U	0.2500 U
2,6-DIAMINO-4-NITROTOLUENE	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
2,4-DIAMINO-6-NITOR TOLUENE	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U	0.2500 U U
PENTAERYTHRITOL TETRANITR	2 10.0 U UJ C	10.0 U	10.0 U UJ C	39.0	10.0 U
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T:\MMR\SNAPSHOT\VALIDATD\98MAR01\COC.DB (1979 records) 03/	MAR01/COC.DB (1979 reco	ords) 03/05/98 15:05.2		Ogucii Environiment	
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,					for

Validated MMR Data, period 9-Feb-98 to 1-Mar-98

Date Sampled	EPA NO	WL26XA	WL26XD	WL26XE	WL31XA	
10020097   10020097		WL26XA	WL26XD	WL26XE	WL31XA	
### ANALYTICAL LAB REY GRALL  TOGAT  AHYDRO-1,3.5.7-TETRANITR  AMALYTICAL LAB REY GRALL  AMALYTICAL LAB RESULT AMALT	pa	10/20/97	10/20/97	10/20/97	10/21/97	
0.2500 U U U U U 0.2500 U U U 0.25	Depth					
0.2500 U U U 0.2500 U U U 0.2500 U U U U U U 0.2500 U U U U 0.2500 U U U U U U U 0.2500 U U U U U U U U U 0.2500 U U U U U U U U U U U U U U U U U U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	REV	LAB REV QUAL QUAL	LAB
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0.2500 U U U 0.2500 U U U 0.2500 U U U U 0.2500 U U U U 0.2500 U U U U U U 0.2500 U U U U U U U U U U U U U U U U U U	HEXAHYDRO-1,3,5-TRINITRO-1,3		n	D		
0.2500 U U U 0.2500 U U U 0.2500 U U U U U U U U U U U U U U 0.2500 U U U U U U U U U U U U U U U U U U	1,3,5-TRINITROBENZENE		n	n		
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0.2500 U U 0.2500 U U 0.2500 U U U U 0.2500 U U U U U U U U U U U U U U U U U U	2-AMINO-4,6-DINITROTOLUENE		n	n	n	
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9.4 0.2500 U U U U U 0.2500 U U U U U U U U U U U U U U U U U U	2,4-DINITROTOLUENE	0.2500 U U	ח	n	D	
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10.0 U U	2,4-DIAMINO-6-NITORTOLUENE		n	n	ם	
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